

ANDERSEN AFB GIAM REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 16 JAN 84
USAFETAC/DS-84/002 SBI-AD-E850 507 F/G 4/2

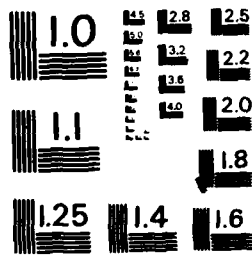
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16 JAN 84

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

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GM 9/2/80

USAFETAC/DS-84/002

ADE 850 507

ADA137583

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ANDERSEN AFB GUAM LSC #912180
N 13 35 E 144 16 ELEV 612 FT FGUA

PARTS A-F HOURS SUMMARIZED: 0000 - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: SEP 73 - AUG 83
SUMMARY OF DAY DATA: MAY 48 - AUG 83

TIME CONVERSION GMT TO LST: +10

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
1. REPORT NUMBER USAFETAC/DS-84/002	2. GOVT ACCESSION NO. A137583	3. RECIPIENT'S CATALOG NUMBER																
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Andersen AFB, Guam		5. TYPE OF REPORT & PERIOD COVERED Final rept																
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER																
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		8. CONTRACT OR GRANT NUMBER(s)																
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS																
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18. SUPPLEMENTARY NOTES SUPERSEDES REPT NO. USAFETAC /DS-79/117, AD-A079 884, AUG 73.																		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>				*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure																
Snowfall	Extreme snow depth	Extreme surface winds																
Climatology	Sea-level pressure	Psychrometric summary																
Surface Winds	Extreme temperature	Ceiling versus visibility																
Relative Humidity	*Climatological data	(over)																
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for ANDERSEN AFB, GUAM</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																		

DD FORM 1473

JAN 73

EDITION OF 1 NOV 65 IS OBSOLETE

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*GUAM

*ANDERSEN

*ANDERSEN AIR FORCE BASE *ANDERSEN AFB

GM912180

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



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By	
Distribution/	
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A-1	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
912180	ANDERSEN AFB GUAM/MARIANA IS	N 13 35	E 144 56	612	PGUA	91218

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	North Guam AFB Marina Is	APB	May 48	Apr 53	N 13 34	E 144 55	523 ft	526 ft	24
2	Andersen AFB Guam	Same	May 53	Mar 54	Same	E 144 56	587 ft	530 ft	24
3	Same	Same	Apr 54	Feb 59	Same	E 144 55	Same	Same	24
4	Same	Same	Mar 59	Mar 60	Same	Same	615 ft	Same	24
5	Same	Same	Apr 60	Jan 61	Same	Same	Same	565 ft	24
6	Same	Same	Feb 61	Mar 63	N 13 35	Same	Same	Same	24
7	Same	Same	Apr 63	Mar 67	Same	Same	Same	572 ft	24
8	Same	Same	Apr 67	Feb 78	Same	Same	634 ft	532 ft	24
9	Same	Same	Mar 78	Sep 80	Same	E 144 56	613 ft	Same	24
10	Same	Same	Oct 80	Jan 82	Same	Same	613 ft	Same	24
11	Same	Same	Jan 82	Nov 83	Same	Same	612 ft	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	May 48	Located on Bldg.	Anemometer	H/A	35 ft	
2	May 53	Located on top of station	GMQ-1A	ML-204B	Same	
3	Apr 54	Same	Same	Same	13 ft	
4	May 55	Located above the station	Same	Same	35 ft	
5	Mar 57	Located on observing stand on top of base operation roof	GMQ-1	Same	30 ft	
6	Mar 59	Located on roof of weather station Bldg.	Same	ML-204	15 ft	
7	Apr 60	Located 3600 ft from W end and 300 ft N of instrument Rnwy	GMQ-11	RO-2	13 ft	
8	Apr 63	Located 1325 ft down the rnwy from the W end of rnwy 06 and 500 ft N of the centerline of rnwy 06.	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
9	Apr. 65	1. Located 1325 ft down the rnwy from the W end of rnwy 06 and 500 ft N of the centerline of rnwy 06R. 2. Located 700 ft down the rnwy from the E end of rnwy 24 and 500 ft N of the centerline of rnwy 24L.	GMQ-11 Same	RO-2	13 ft Same	
10	Apr 69	1. Same 2. Same	Same Same	RO-362 RO-2	Same	
11	Jan 70	1. Located 2400 ft down the rnwy from W end of rnwy 06 and 440 ft N of the centerline of rnwy 06R. 2. Located 2400 ft down the rnwy E end of rnwy 24 and 500 ft N of the centerline of rnwy 24L.	Same Same	Same Same	Same Same	
12	Feb 78	1. Same 2. Same	GMQ-20 Same	Same Same	Same Same	
13	Nov 83	1. Same 2. Same	GMQ-20 GMQ-20	RO-362 RO-362	Same Same	Sometime between Feb 78 and Feb 81 RO-2 was removed.

MAC-8 APR, 82 00-000

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

WEATHER CONDITIONS

91 180
STATION

ANDERSEN AFB
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA	0-02		6.2				6.2	.4	.1			.5	930
	3-05		8.0				8.0	.8				.8	930
	6-08		6.2				6.2	.1				.1	930
	9-11		5.5				5.5	.8				.8	930
	12-14	.1	6.0				6.0	.9	.1			1.0	930
	15-17		5.6				5.6	.6	.1			.8	930
	18-20		5.4				5.4	.9				.9	930
	1-23	.1	6.5				6.5	.6			.1	.8	930
TOTALS		.2	6.2				6.2	.6	.0		.0	.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAC

WEATHER CONDITIONS

1180
STATION

AND R EN AFB

STATION NAME

74-87

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
EB	0-02		6.5				6.5	.8				.2	46
	07-09		7.9				7.9	.5				.5	46
	0-06		8.				8.0	.9				.9	46
	07-11	.2	4.6				4.6	1.2			.1	1.3	46
	11-14	.2	5.6				5.6	1.3				1.3	46
	15-17		6.				6.0	1.6				1.6	46
	18-2	.1	5.6				5.6	.8	.1			.9	46
	1-23		6.1				6.1	.4				.4	46
TOTALS		.1	5.3				6.3	1.0	.5		.1	1.0	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

11 1974-87
STATION ANDERSEN AFB STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MA	0-5		4.7				4.7	.2	.2			.3	500
	6-10		5.5				5.5	.6				.6	530
	11-15	.1	.3				7.3	1.5	.1			1.1	530
	16-20	.1	5.1				5.1	.3	.2			.5	530
	21-25		4.8				4.8	1.3	.1			1.4	530
	26-30		4.5				4.5	.8	.1			.9	530
	31-35	.2	4.1				4.1	1.1				1.1	530
	36-40		5.1				5.1	.4				.4	530
TOTALS		.1	5.2				5.2	.7	.1			.6	7440

GLOBAL CLIMATOLOGY BRANCH
 AFSS/TAC
 AFSS WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 18 STATION ANDERSEN AFB 74-83 YEARS 80 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AP	00-0		5.2				5.2	.3				.3	910
	03-5		4.8				4.8	.4				.4	900
	06-08		6.0				6.0	.6				.6	910
	9-11	.2	3.4				3.4	.9	.2			1.1	910
	12-14		3.9				3.9	.7				.7	900
	15-17		3.9				3.9	.4				.4	900
	18-20	.1	3.7				3.7	.6				.6	900
	21-23		3.9				3.9	.4				.4	900
TOTALS		.0	4.4				4.4	.5	.2			.6	7210

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE /MAC

WEATHER CONDITIONS

STATION ANDERSEN AFB YEARS 74-83 MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	1-01		7.0				7.0	.2			.3	.5	930
	1-05		7.0				7.0				.2	.2	930
	06-08		7.0				7.0	.1				.1	930
	9-11		4.2				4.2	.4				.4	930
	11-14		6.1				6.1	.1			.2	.3	930
	14-17	.3	6.3				6.3	.3			.2	.5	930
	17-20	.2	5.4				5.4	.3	.1		.3	.8	930
	21-23	.2	6.2				6.2	.3	.1		.3	.8	930
TOTALS		.1	6.2				6.2	.2	.1		.2	.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1187
STATION

ANDERSEN AFB
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	0-02		6.3				6.3	.1				.1	900
	3-05		6.0				6.0	.1				.1	900
	6-08		4.3				4.3	.2				.2	900
	9-11		4.7				4.7	.2				.2	900
	12-14		6.0				6.0						900
	15-17	.2	5.6				5.6	.1	.1			.2	900
	18-20		4.0				4.0	.2				.2	900
	21-23	.1	5.0				5.0	.3	.1			.4	900
TOTALS		.0	5.3				5.3	.2	.0			.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

61 180 STATION AND RSEN AFB 74-83 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-02	1.1	7.6				9.7	.3				.3	930
	03-05	.4	9.8				9.8	.1				.1	930
	06-08	.3	9.0				9.0	.1				.1	929
	09-11	.4	10.2				10.2	.2				.2	930
	12-14	.2	8.9				8.9						930
	15-17	1.0	9.8				9.8	.1				.1	930
	18-20	.4	10.0				10.0	.2				.2	930
	21-23	.5	8.7				8.7						930
TOTALS		.5	9.4				9.4	.1				.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 130 STATION ANDERSEN AFB 74-83 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	0-0	.2	13.3				13.3	.2				.2	930
	01-05	.4	15.8				15.6	.1				.1	930
	6-05	.1	14.1				14.1	.2	.2			.4	930
	6-11	.4	13.2				13.2	.2	.2		.1	.5	930
	12-14	.6	17.7				17.7	.1	.4			.5	930
	15-17	.9	16.0				16.0	.4	.1			.5	930
	18-2	1.0	13.4				13.4	.6				.6	930
	11-23	.4	14.9				14.9		.1			.1	930
TOTALS		.5	14.8				14.8	.2	.1		.6	.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

91 18
STATION

ANDERSEN AFB
STATION NAME

73-82
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-0	.4	7.8				9.8	.2	.3			.6	897
	03-5	.8	13.3				13.3	.1	.1			.2	897
	06-08	1.0	12.4				12.4	.2	.1			.3	896
	09-11	.9	13.1				13.1	.3	.3			.7	899
	12-14	1.2	13.9				13.9	.6	.7			1.2	900
	15-17	1.1	13.7				13.7	.4	.6			1.0	900
	18-2	.4	10.7				10.2	.4	.4			.9	900
	1-23	.1	8.8				8.8		.3		.1	.4	900
TOTALS		.7	11.9				11.9	.3	.4		.0	.7	7189

GLOBAL CLIMATOLOGY BRANCH
 SA STAC
 AIR WEATHER SVCIC /MAC

WEATHER CONDITIONS

41 18 STATION ANDERSEN AFB STATION NAME 73-82 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	0-02	.3	10.9				10.9				.1	.1	930
	3-05	.4	12.2				12.2	.4				.4	930
	06-08		12.7				12.7		.1		.2	.3	930
	9-11	.3	9.5				9.5	.4			.2	.6	930
	12-14	.4	9.6				9.6	.4	.2			.6	930
	15-17	.1	12.2				12.2	.4	.2			.6	930
	18-20	.2	11.3				11.3	.2	.2			.4	930
	1-23	.4	12.4				12.4				.3	.3	930
TOTALS		.3	11.4				11.4	.2	.1		.1	.4	7990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A - WEATHER SERVICE/MAC

WEATHER CONDITIONS

91 180
STATION

ANDERSEN AFB
STATION NAME

73-82
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	0-02	.2	1.3				9.3	.3	.6		.3	1.2	9.0
	3-05	.1	9.1				9.1	.2	.3		.3	.9	9.0
	6-08	.1	10.4				10.4	.6	.7		.2	1.4	900
	9-11	.2	8.2				8.2		.6			.6	900
	12-14	.1	8.3				8.3	.4	.3			.6	900
	15-17	.1	7.7				7.7	.6	.3			.9	900
	18-20	.2	9.4				9.4	.3	1.1			1.4	900
	1-23	.3	7.3				7.3		1.1		.4	1.6	900
TOTALS		.2	8.7				8.7	.3	.6		.2	1.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

91 180 STATION AND RICH AFB STATION NAME 73-82 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
D.C	0-02	.1	5.8				5.8		.3			.3	930
	03-05	.2	6.2				6.2	.2	.1		.1	.4	930
	06-08	.1	7.2				7.2	.2	.4		.2	.9	930
	09-11		4.7				4.7		.2			.2	930
	12-14		2.8				2.8	.3	.1			.3	930
	15-17		6.				6.0	.3	.2			.5	930
	18-20	.1	4.6				4.6	.1	.4			.5	930
	21-23	.2	4.9				4.9	.1	.2			.3	930
TOTALS		.1	5.3				5.3	.2	.2		.2	.4	7690

GENERAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 15 ANDERSEN AFB 73-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA	ALL	.0	6.2				6.2	.6	.0		.0	.7	7440
F		.1	6.3				6.3	1.0	.3		.0	1.0	6768
MAR		.1	6.2				5.2	.7	.1			.8	7440
APR		.0	4.4				4.4	.5	.0			.6	7200
MAY		.1	6.2				6.2	.2	.		.2	.5	7440
JUN		.0	6.3				5.3	.2	.0			.2	7200
JUL		.5	7.4				9.4	.1				.1	7430
A		.5	14.8				14.8	.2	.1		.0	.4	7440
SEP		.7	11.9				11.9	.3	.4		.0	.7	7189
O.		.0	11.4				11.4	.2	.1		.1	.4	7440
NOV		.2	6.7				6.7	.3	.6		.2	1.1	7200
D C		.1	6.3				5.3	.2	.2		.0	.4	7440
TOTALS		.2	7.9				7.9	.4	.1		.0	.6	87636

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with Annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

STATION 41167 ANDERSEN AFB STATION NAME 46-82 YEARS 111 MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA	DAILY	.8	81.5				81.5	14.9	.7			15.2	1084
FE		.5	71.6				78.6	12.1	.3			12.3	988
M		.2	71.5				78.5	12.1	.4			12.3	1185
AP		1.1	11.9				81.9	9.7	.1			9.8	1049
MAY		1.8	76.2				76.2	8.4	.3			9.7	1116
JUN		3.6	43.7				83.7	7.6	.7			8.2	1180
JUL		12.1	75.6				81.6	10.6	.4			10.8	1109
A		13.4	75.6				85.6	11.8	1.6			13.0	1116
SEP		17.5	86.8				86.8	11.5	1.1			12.2	1148
OCT		11.1	76.2				86.2	9.6	.4			9.9	1185
NOV		.2	97.1				87.1	9.3	.5			9.5	1043
DEC		1.1	2.5				82.5	17.8	.8			11.3	1185
TOTALS		5.7	82.8				82.8	10.7	.6			11.1	12888

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

41-1-1-1 STATION ANDERSEN AFB STATION NAME 48-83 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	1.2	21.6	6.9	14.5	11.2	12.3	9.9	4.2	2.8	.6	.1			61.3	1.84	5.01	17.78	1.8
FEB	1.5	23.	7.3	15.3	9.1	11.6	7.1	3.4	2.8	.6	.1	.1		57.5	988	4.57	17.45	.66
MAR	20.3	23.	7.2	13.4	9.2	13.2	7.6	3.8	1.3	.3				55.9	1085	3.68	14.66	.30
APR	16.	26.2	6.6	18.0	10.2	11.3	5.9	2.7	1.7	.4	.3			57.0	1050	3.86	24.00	.37
MAY	.1	22.	6.7	15.4	9.7	11.7	7.5	4.4	2.1	.6	.4		.1	57.9	1116	5.75	35.18	1.03
JUN	13.	14.9	6.9	16.9	10.6	17.5	9.9	7.1	2.1	.4				71.5	1080	5.28	10.51	.49
JUL	1.	15.1	3.8	11.0	7.6	18.0	13.9	12.0	6.8	1.1				74.1	1109	9.48	15.39	3.00
AUG	1.	13.1	4.7	1.7	8.5	15.2	13.4	12.0	9.2	2.5	.2			76.4	1116	12.67	26.28	4.41
SEP	1.2	11.4	2.6	10.1	7.8	16.7	13.9	12.4	11.	2.7	.3			77.5	1048	13.49	26.06	3.95
OCT	.0	12.4	3.5	12.3	7.0	16.7	14.0	12.4	9.5	1.6	.5	.2		77.5	1085	13.52	37.09	4.05
NOV	0.6	14.2	4.3	14.1	11.5	17.3	13.4	6.8	5.6	1.2				76.2	1040	8.85	19.20	2.44
DEC	14.2	18.1	6.0	15.0	11.4	17.1	9.1	5.7	2.5	.8	.1			67.7	1085	5.71	16.90	1.15
ANNUAL	14.5	18.0	5.5	13.9	9.4	14.9	10.4	7.4	4.8	1.1	.2	.0	.0	67.5	12886	91.87		

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

01 18
STATION

ANDERSEN AFB

STATION NAME

40-03

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4						1.36	1.36	1.21	2.37	2.61	2.23	4.90	1.62	
4		1.19	1.57	.44	.27	.20	.99*	2.03	2.76*	1.91	1.58*	1.24	.42	2.76
5		.40	.37	.93	.33	3.74	1.89	1.72	2.00	4.01	3.35	2.15	2.60	4.01
6		1.21	2.62	.88	1.65	.26	.32	1.65	2.51	1.17	2.56	2.77	2.74	2.74
7		.37	.39	.88	.29	1.84	.42	1.30	2.32	4.18	1.85	2.92	1.33	4.18
8		.48	7.88	.81	.69	1.73	.74	1.77	7.07	1.48	18.30	2.18	2.11	18.30
9		2.00	.99	.44	1.54	.66	1.44	.63	1.67	4.88	1.49	1.58	.84	4.88
10		.97	.63	.56	.74	.31	2.55	2.28	1.74	2.44	1.60	.44	2.25	2.55
11		.89	1.91	.47	.35	.77	.64	1.37	1.29	1.74	.81	.96	1.20	1.91
12		1.09	.52	.45	.35	1.00	.68	.73	3.92	1.78	5.05*	2.57	.45	5.05
13		3.4	.24	.18	.28	.58	2.71	7.32	1.01	2.63	2.61	.54	1.66	3.32
14		.68	.29	.51	.56	.40	.60	1.32	1.42	3.45	2.33	1.77	3.17	3.45
15		.53	.28	.59	.76	1.52	.93	1.59	3.75	1.65	2.17	2.42	2.55	3.75
16		.69	1.37	.81	1.13	1.11	.78	.75	1.82	2.72	2.27	.71	.87	2.72
17		1.11	4.96	.89	1.77	1.87	1.34	3.67	1.70	7.11	4.25*	1.81	2.81	4.96
18		2.52	2.96	.83	8.96	5.51	1.15	2.42	4.92	2.95	4.51	7.21	6.59	8.96
19		.47	.75	1.66	2.10	.37	1.25	1.45	2.71	1.28	3.77	2.15	.57	9.37
20		2.74	.23	.11	.31	.29	1.25*	3.74	1.44	4.47	1.17	2.52	.64	4.47
21		.59	.36	.45	.19	.97	.92	1.15	3.48	4.21	2.37	1.35	.70	4.21
22		.91	.89	2.79	1.14	.92	1.84	2.44	4.39	6.09	3.43*	.79	.44	6.09
23		1.27	2.22	.72	.75	.81	.96	3.15	2.04	2.23	4.73	2.45	.93	4.73
24		.58	.32	.41	.36	.51	.43	2.99	2.14	1.37	10.39	2.25	2.50	10.39
25		6.18	1.09	.50	.30	.34	.71	1.33	1.72	2.05	1.48	3.71	.94	6.18
26		1.31	2.38	2.81	.64	9.53	.84	3.74	6.20	2.77	2.54	1.53	.61	9.53
27		.97	1.90	3.28	1.77	.88	2.62	3.18	2.42	4.17	1.48	.80	2.79	4.17
28		.27	.64	.46	.63	.80	1.63	1.49	3.73	1.68	5.74	.86	1.24	5.74
29		1.68	1.6	2.07	5.42	2.77	2.78	2.22	4.04	1.37	2.07	1.11	1.54	5.42
30		1.32	.29	.57	1.27	.68	.76	1.87	3.83	2.28	1.95	3.52	.79	3.83
31		4.73	2.61	1.22	1.15	22.60	.87	2.84	3.93*	2.62	2.32	1.83	3.99	22.60
32		.85	.72	.74	.34	1.18	3.66	1.15	1.24	2.73	2.23	2.55	.27	3.66
MEAN														
S D														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

0118 ANDERSEN AFB
STATION STATION NAME

42-23

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION 91180 AND REEN AFB STATION NAME 42-93 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4					7.61	7.73	7.60	11.93	15.27	10.61	17.83	4.98	
41	4.83	4.39	2.38	.97	1.21	3.11	8.08	9.95	17.95	8.77	2.93	2.15	*59.65
42	1.51	1.14	2.70	.83	8.03	9.38	9.30	13.21	15.64	17.51	8.32	7.17	*94.76
51	7.98	6.40	4.93	4.90	1.03	1.53	9.24	16.28	5.64	9.90	6.94	8.09	*2.86
52	1.51	1.51	1.89	1.27	4.27	2.51	7.75	8.34	12.11	12.42	17.98	5.93	71.62
53	1.84	12.37	2.31	1.17	2.46	1.42	5.92	26.28	8.55	37.09	9.33	8.72	116.96
54	4.11	3.12	2.54	2.87	2.07	3.43	3.41	10.42	23.27	11.53	7.51	2.67	76.95
55	6.60	3.28	3.12	3.69	1.63	4.94	9.99	6.36	16.49	8.95	4.26	4.28	73.59
56	2.44	3.86	1.67	1.14	3.09	2.56	9.15	5.48	13.73	6.17	7.24	6.39	62.55
57	3.69	2.17	1.84	2.50	1.67	3.12	3.00	10.47	6.71	17.71	6.57	2.10	*61.55
58	5.36	.68	.69	1.12	2.31	7.71	11.80	5.59	14.61	7.34	3.11	4.72	65.03
59	2.11	1.26	1.62	1.77	1.17	1.55	6.13	11.02	27.70	8.54	6.80	6.94	68.65
60	3.39	.66	1.59	.37	5.81	5.08	8.13	15.97	8.93	16.16	11.91	5.99	83.99
61	4.79	3.73	5.13	3.20	4.37	4.09	6.45	14.88	13.58	17.88	5.96	4.40	88.36
62	1.67	8.78	1.42	8.44	5.32	7.98	12.83	11.53	13.76	19.63	6.02	13.28	*117.65
63	1.88	11.06	3.35	24.00	13.97	6.93	17.10	10.77	11.56	20.24	6.70	16.90	149.46
64	2.47	3.89	3.37	8.56	26.79	5.97	6.34	13.01	10.42	13.27	5.30	4.98	104.37
65	9.46	.98	.30	.84	1.35	6.59	14.36	4.41	18.41	5.36	8.69	3.62	*74.37
66	5.23	1.34	1.59	.78	2.09	5.68	8.18	13.48	20.17	9.95	6.25	3.69	75.43
67	5.45	4.38	9.33	4.71	3.38	7.29	15.23	19.93	22.31	14.24	4.39	2.16	*116.79
68	5.16	8.35	3.15	2.74	2.49	4.98	12.18	12.95	11.56	13.23	17.39	3.77	90.30
69	2.33	1.39	1.34	.93	2.01	2.58	9.69	8.09	8.09	27.75	6.52	6.78	77.52
70	17.28	4.18	2.27	1.32	1.29	4.57	7.25	8.25	10.63	9.98	7.74	4.97	79.71
71	5.47	5.50	14.66	3.95	17.56	5.63	15.39	15.31	12.99	8.17	17.20	2.99	117.86
72	3.79	6.37	12.59	3.20	3.38	8.15	13.99	15.30	14.09	4.75	4.26	6.70	95.15
73	1.51	2.66	2.18	1.67	3.17	4.74	9.99	13.84	10.90	20.88	2.44	6.95	80.16
74	5.64	2.98	11.78	14.55	9.89	6.94	9.29	22.24	3.95	12.17	6.86	4.83	111.14
75	7.94	.71	2.47	2.91	2.07	2.92	11.03	23.86	10.03	11.73	16.75	3.93	96.34
76	16.26	12.47	7.38	4.68	35.18	5.20	17.41	19.57	12.36	7.86	9.44	11.02	*151.81
77	3.54	3.08	4.33	2.26	3.37	7.83	6.42	5.00	15.54	14.23	17.80	1.15	77.48
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX XXXX XXXX

FROM DAILY OBSERVATIONS

STATION NAME

45-93

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-85-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- * 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- * 2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

STATION 180 ANDERSON AFB

59-83

YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
5									SSSE * 39ENE	40ENE	35E	34	
6	31E	29NE	29E	29ENE	36E	39ESE	31WNW	38E	21S	36ESE	30ESE	37	39
7	33ENE	39ENE	34E	31E	34SSW	28SSW	30WNW	29S	49ENE	47E	36E	39	49
8	25NE	30E	26SSW	35ENE	28E	25E	39E	34WSW	37WSW	40NNW	31SE	47E	49
9	25E	33E	29SE	8E	32ENE	31E	46ESE	23S	35WSW	35E	26W	61	87
10	31ENE	33NE	34E	40SSW	40ESE	34SE	34ESE	43ESE	46E	43SE	29ENE	78	46
11	43E	37E	29E	37E	27ESE	31SSE	43SE	32SW	41W	31E	36E	34	43
12	32E	30ENE	29ENE	30E	29ESE	34SE	33WNW	37NE	37ESE	36E	45NE	47	49
13	40	36ENE	37ESE	44ES	29E	31ENE	28ESE	31WSW	36SSE	46NW	63NE	39	67
14	35E	37ENE	33NNW	54S	37SSE	40	77	44277	41217	44267	66	87	77
15	15/ 55 77	41107	36107	32 97	36147	39147	44157	45147	43197	36147	42 77	40	15/ 55
16	87 33 57	46 97	45117	42107	38157	49167	31147	28 87	31 67	34 77	30 87	32	15/ 49
17	27 33 87	31 77	33137	32 97	60147	35157	31337	38307	29137	40127	32 67	36	97 67
18	57 34117	35 87	37117	28157	31177	35147	41117	32157	26257	36 77	20 87	76	147 47
19	77 36107	30 67	25107	29127	30117	32147	29157	22127	22 87	34 97	28 77	32	77 36
20	347 34 67	32 47	35257	32347	35137	30117	31257	57247	25 57	40 97	52 97	44	257 57
21	107 33 87	34 77	33 97	34117	28177	31117	30157	37 67	44127	37177	70107	37	177 77
22	117 34187	36107	34117	29 67	113127	37 17	31177	36187	41 97	37177	33 87	24	67 113
23	77 27 97	28 97	31107	26107	28 97	24 87	29157	23257	44257	39147	66 67	36	147 66
24	67 28 27	27 87	24 77	241 77	30137	31267	36217	31127	32137	52217	50 97	31	137 52
25	77 40107	24 67	29107	29127	25 97	26117	36157	39117	37107	57 97	34177	33	177 57
26	67 27117	38 77	31 67	26147	33137	31157	31277	31207	40127	67 77	24107	27	127 67
27	57 29 27	25 97	31 17	49147	28177	34277	43257	41127	26217	34187	47137	47	177 49
28	77 21 57	24 87	25 37	23 87	28207	43177	37167	30177	44137	42 67	30 97	30	177 44
29	97 26177	20 97	29117	29 77	25117	23 97	28117	30					
MEAN	3.4	31.9	31.3	34.7	35.8	33.2	34.9	34.9	36.5	42.2	42.1	36.9	54.2
S.D.	.101	5.643	4.868	12.422	18.433	6.133	5.712	7.841	8.004	9.733	14.795	7.492	11.167
TOTAL OBS.	733	668	739	717	732	779	735	739	691	727	683	777	8580

NOTES - (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND 100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91 1.0 STATION ANDERSEN AFB STATION NAME 74-83 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.5	.1							.8	13.9
NNE	.5	1.0	1.4	1.9	.2							4.8	10.1
NE	.8	2.3	5.6	7.1	.6	.2						17.5	10.2
ENE	1.7	4.5	12.5	17.9	1.5	.2						30.9	10.1
E	2.4	5.3	12.4	7.7	.5							28.3	8.8
ESE	.9	2.7	2.9	1.6	.1							8.4	7.7
SE	.5	1.0	1.0	.2	.1							2.8	6.8
SSE		.5	.5									1.1	6.8
S	.2		.4									.6	5.8
SSW	.1	.1	.3									.5	5.8
SW	.2											.2	2.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												4.1	
	6.7	17.3	38.1	33.2	3.2	.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91 80 ANDERSEN AFB STATION NAME 74-83 YEARS JAN 1984
ALL WEATHER CLASS 0300-0500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	.6								1.3	9.8
NNE	.1	1.2	.8	2.0	.6	.1						4.8	11.2
NE	.5	2.2	7.8	9.3	.5	.1						19.5	10.5
ENE	1.9	4.4	11.7	10.1	1.1	.1						29.8	9.6
E	1.3	5.1	12.4	8.0	.5							27.2	9.1
ESE	.7	3.1	3.2	.8	.1							7.7	7.1
SE	.4	.2	1.1	.6								2.4	6.5
SSE	.1	.4	.3	.2								1.3	7.3
S		.2	.4	.1								.8	7.7
SSW	.1			.1								.2	7.0
SW		.1	.1									.2	6.0
WSW	.1	.2										.3	3.7
W													
WNW													
NW													
NNW													
VARBL													
CALM												4.9	
	5.4	17.5	38.1	3.9	2.9	.3						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH

SIFETAC

ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

STATION

ANDERSEN AFB

STATION NAME

74-83

VEARS

FOOT 14

ALL WEATHER

CLAM

0600-2800

NOV 28 1957

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.1	.8	.2							1.3	11.8
NNE	.2	.4	1.1	1.7	.5	.2						4.2	12.5
NE	.4	2.6	5.8	7.7	1.1							17.6	16.4
ENE	1.3	3.9	11.2	11.2	1.7	.1						29.4	10.0
E	1.1	5.4	13.5	9.7	.5							30.2	9.3
ESE	.4	2.7	3.2	1.3	.2							8.0	7.8
SE		.5	1.4	.9								3.4	9.1
SSE		.5	.3	.1								1.0	6.5
S		.7	.2	.1								.6	7.8
SSW	.1			.2								.3	10.5
SW	.1	.1										.2	1.2
WSW		.1										.1	4.5
W													
WNW													
NW													
NNW													
VARBL													
CALM												4.1	
	3.9	17.3	36.9	33.2	4.3	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
A ETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

91100 STATION 1 JAN 1900-1900 HOURS (L.S.T.)
A D RSEN AFB STATION NAME 74-83 YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N		.1		.4		.1						.6	14.3
NNE	.5	.9	1.2	2.7	.4							5.2	10.0
NE	.1	.4	4.2	8.3	1.3	.1						14.8	11.7
ENE	.4	2.1	9.9	14.6	2.6	.3						29.9	11.8
E	.1	4.1	13.5	13.7	.9							33.2	10.1
ESE	.1	1.5	3.9	2.7	.1	.1						8.6	9.5
SE		1.1	1.5	.6	.1							3.3	6.6
SSE		.1	1.4	.3	.2							2.0	10.2
S	.1		.2									.3	7.7
SSW	.1	.1		.5								.8	10.9
SW		.1										.1	6.0
WSW													
W		.1	.1									.2	6.0
WNW	.1											.1	2.0
NW													
NNW													
VARBL													
CALM												.0	
	2.3	10.5	35.9	43.2	5.6	.6						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 51 180 STATION NAME ANDERSEN AFB YEARS 74-83 MONTHS JAN
CLASS ALL WEATHER 1200-1400
HOURS (LST) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.5	.5								1.6	9.1
NNE	.3	.3	1.1	2.5	.3							4.9	10.6
NE	.1	1.4	4.1	9.9	.5	.5						16.6	11.9
ENE	.1	1.3	.1	16.8	2.8	.2						27.7	12.5
E	.1	3.1	14.2	12.8	1.1	.2						31.7	10.5
ESE	.3	.9	4.8	3.1	.2							9.7	9.1
SE	.3	.3	1.2	1.0	.1							3.7	8.2
SSE		.1	1.4	.6								2.2	9.9
S		.2	.2	.4								.9	9.8
SSW		.1		.1								.3	7.7
SW				.1	.1							.2	10.0
WSW		.1										.1	6.0
W													
WNW													
NW													
NNW			.1									.1	8.0
VARBL													
CALM												.3	
	2.7	9.7	33.9	47.7	5.2	1.7						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21-18 ANDERSEN AFB STATION NAME 74-83 YEARS JAN
DATE 1922-1930
CLAS ALL WEATHER
CONDIT

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.3	.4								1.3	0.5
NNE	.1	.5	1.6	1.6	.1	.2						4.4	1.8
NE	.3	2.2	3.9	1.5	1.0							17.8	11.4
ENE	.2	3.4	11.4	12.9	2.6	.1						31.2	21.1
E	.0	4.3	13.2	9.9	1.0	.1						29.2	9.8
ESE	.4	1.7	4.1	1.7								8.2	8.2
SE	.0	.8	1.5	1.1								3.9	8.2
SSE		.0	1.3	.2								2.2	8.3
S		.0	.3									.5	7.4
SSW		.0	.1									.3	6.7
SW				.2								.2	14.0
WSW			.2									.2	8.5
W		.1	.1									.2	6.0
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	2.5	15.2	36.1	38.6	4.6	.4						170.2	10.2

TOTAL NUMBER OF OBSERVATIONS 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

-1 1b STATION ANDERSEN AFB STATION NAME 74-83 YEARS JAN MONTH 1600-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1			.2								.5	6.2
NNE	.1	.4	1.1	1.7	.1	.2						3.7	11.3
NE	.0	3.7	5.7	7.7	1.0	.1						19.2	10.0
ENE	1.1	6.1	13.9	12.6	1.7							35.5	9.9
E	.2	4.5	11.9	8.7	.5							26.6	9.3
ESE	1.1	1.0	1.7	1.0								5.7	7.2
SE	.2	.4	1.5	.2	.1							2.5	8.1
SSE	.4	.3	.4	.3								1.5	7.4
S	.4	.3	.3	.1								1.2	5.9
SSW	.2	.1	.1									.5	3.6
SW	.1	.1										.1	4.0
WSW	.1											.1	2.0
W													
WNW			.1									.1	7.0
NW			.1									.1	10.7
NNW			.1	.1								.2	12.0
VARBL													
CALM												2.4	
	6.2	18.0	37.0	32.7	3.4	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1116 STATION ANDERSEN AFB STATION NAME 74-13 YEARS JAN MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.2								.5	0.6
NNE	.1	.4	.6	1.6	.1							3.3	1.0
NE	.1	3.2	5.6	7.7	1.6	.3						19.2	10.8
NNE	1.2	.6	11.8	11.3	1.9	.1						34.3	9.8
E	1.7	3.1	11.3	7.2	.9							24.9	9.3
ESE	1.4	3.1	2.7	1.7	.1							8.2	7.4
SE	.1	.5	1.1	.4								2.4	7.6
SSE	.1	.4	.6	.3								1.6	8.1
S	.1	.3	.3	.1								.9	7.3
SSW	.1	.1	.3									.5	6.0
SW		.1										.2	4.5
WSW													
W	.1											.1	2.0
WNW													
NW													
NNW				.2								.2	16.0
VARBL													
CALM												3.9	
	5.8	19.2	35.3	3.9	4.5	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

01 18 STATION ANDERSEN AFB STATION NAME 74-63 YEARS JAS MONTHS ALL HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.2	.5	.1	.1						1.3	13.2
NNE	.1	.1	1.1	1.0	.3	.1						4.4	12.8
NE	.1	2.2	5.5	8.4	1.7	.2						17.7	15.8
ENE	.0	4.2	11.1	12.5	2.7	.1						31.0	10.5
E	.1	4.5	12.0	9.7	.7	.0						28.9	9.6
ESE	.2	2.1	3.3	1.7	.1	.0						8.5	8.1
SE	.7	.7	1.3	.6	.1							3.0	8.2
SSE	.1	.4	.8	.3	.1							1.6	8.4
S	.1	.2	.3	.1								.7	7.4
SSW	.1	.1	.1	.1								.5	7.2
SW	.1	.1	.0	.0	.0							.2	7.2
WSW	.1	.1	.1									.1	5.2
W	.1	.1	.0									.1	5.2
WNW	.1		.0									.0	4.5
NW			.1									.0	10.0
NNW			.1	.0								.1	12.6
VARBL													
CALM												2.6	
	4.0	15.5	36.6	35.9	4.2	.5						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 7492

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01160 AND RLEN AFB STATION NAME 74-83 YEARS FEB
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.1								.5	9.2
NNE	.4	.2	1.4	1.5	.1							4.4	8.9
NE	.2	2.2	8.7	6.7	.5							19.3	9.6
ENE	1.2	5.3	14.2	13.4	.8							39.0	9.8
E	.1	.1	12.8	7.2	.4							28.6	8.6
ESE	.2	2.2	2.0	.2								4.6	6.8
SE	.4	.4	.2	.2	.1							1.5	9.4
SSE	.2	.4	.4	.4								1.3	7.8
S	.2	.2	.4	.4								.9	10.3
SSW		.2	.1									.2	8.2
SW													
WSW													
W			.1									.1	9.0
WNW													
NW	.2											.1	2.0
NNW		.1										.1	5.0
VARBL													
CALM												3.1	
	4.2	18.9	41.1	30.1	1.9							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91 180 STATION ANDERSEN AFB 74-63 FEB 1972-0500
STATION NAME YEARS MONTH HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1										.4	4.2
NNE	.1	1.1	1.8	1.4	.2							4.6	9.6
NE	.2	3.0	9.3	7.6	.7							21.8	9.6
ENE	.1	0.6	12.5	11.5	.5							23.1	9.1
E	1.1	5.3	11.8	8.2	.5							27.5	8.9
ESE	.5	2.5	1.3	.1								4.5	5.7
SE	.1	.4	1.2	.6								2.2	6.1
SSE	.1	.1	.5	.7	.1							1.5	11.5
S			.1	.1								.6	9.2
SSW		.1	.1	.1								.4	6.7
SW		.1										.1	5.0
WSW													
W													
WNW	.1											.1	2.0
NW	.1	.2										.4	4.7
NNW		.1										.1	4.0
VARBL													
CALM												2.7	
	0.3	19.6	39.1	30.3	2.0							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 895

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51180 ANDE SEN AFB STATION NAME 79-83 YEARS FEF
CLASS ALL WEATHER 600-0800
CONDITION MOON (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												.6	8.2
NNE	.1	1.3	2.2	1.4	.2							5.3	9.2
NE		2.6	8.5	7.8	1.1							20.4	10.1
ENE	.1	4.4	12.1	13.1	.6							31.7	10.0
E	1.1	5.9	13.2	7.9	.1							29.1	8.8
ESE		1.4	3.0	.7	.1							5.9	7.5
SE		.4	1.3	.1								1.8	8.0
SSE		.1	.5	.4								1.1	9.6
S		.4	.4	.4								1.1	9.3
SSW		.4										.4	5.0
SW													
WSW													
W													
WNW				.1								.1	12.0
NW													
NNW		.1	.2									.4	7.0
VARBL													
CALM												2.2	
	4.3	16.9	42.6	31.9	2.1							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01 18 ANDERSEN AFB STATION NAME 74-83 YEARS FEB
ALL WEATHER 0900-1100
 CLASS HOURLY (16 H)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.5	.2								.9	8.6
NNE		.5	3.7	2.4								6.6	9.7
NE	.1	1.3	5.7	11.1	.8	.1						19.1	11.9
ENE		1.2	7.2	13.6	1.8							25.8	11.7
E	.3	4.7	13.9	14.7	.7							34.9	11.1
ESE	.5	1.1	3.1	2.6								7.2	9.5
SE	.5	.2	1.2	.8								2.7	8.3
SSE		.4	.6	.5								1.4	9.9
S			.4	.2	.1							.7	12.2
SSW		.1	.1	.1								.4	8.7
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
	1.7	9.8	38.3	46.2	3.4	.1						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1167 ANDERSON AFB STATION NAME 74-93 YEARS FEF
ALL WEATHER CLASS 1200-1400
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.4	.2								1.1	7.8
NNE	.1	.1	4.1	3.2								8.3	12.0
NE	.1	1.1	6.6	11.8	1.5	.1						21.3	11.9
ENE	.1	1.3	8.2	12.3	2.0	.1						24.0	11.9
E	.1	4.7	11.5	15.6	1.5							33.7	10.6
ESE	.1	1.2	3.0	1.6		.1						6.1	9.6
SE		.1	1.7	.6								3.1	8.2
SSE			.4	.7	.1							1.2	13.0
S			.1	.4								.8	12.0
SSW			.1									.1	9.2
SW													
WSW													
W			.1									.1	8.0
WNW													
NW		.1										.1	5.0
NNW				.1								.1	12.0
VARBL													
CALM													
	.9	1.4	36.4	46.7	5.2	.4						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41 18

ANDERSEN AFB

74-83

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1530-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.7								1.9	9.6
NNE	.1	.7	2.2	2.8	.2							6.1	10.7
NE	.1	1.7	7.3	1.3	1.1							20.4	11.1
ENE		3.0	12.1	14.5	1.8	.1						22.3	10.9
E	.4	4.5	12.2	11.3	.2							28.6	9.8
ESE	.1	1.4	1.5	2.7	.1	.1						5.3	9.6
SE	.3	.2	1.7	.2		.1						2.4	9.5
SSE	.7	.2	.5	.4								1.3	7.6
S			.7	.6								1.1	11.4
SSW				.1								.1	12.0
SW													
WSW		.7		.1								.4	6.7
W													
WNW	.1											.1	3.0
NW													
NNW													
VARBL													
CALM													
	2.0	12.2	38.9	43.1	3.4	.9						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
7118

ANDERSEN AFB

STATION NAME

74-83

YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.1	.5								.9	9.8
NNE	.1	.7	1.1	2.0	.2							4.3	15.1
NE	.5	3.5	1.6	7.3	.4	.1						22.8	9.6
ENE	.9	5.7	15.5	15.4	1.5							39.0	15.1
E	1.5	5.7	10.4	5.3								22.9	8.3
ESE	.1	.5	2.2	.5	.2							3.9	8.8
SE	.1	.1	1.4	.7								2.7	8.4
SSE	.1	.4	.1	.1								.3	5.7
S		.1	.5	.2	.1							1.2	10.1
SSW			.1	.1								.2	11.5
SW													
WSW													
W													
WNW	.1											.1	2.0
NW		.1										.1	5.0
NNW		.1										.1	4.0
VARBL													
CALM												.8	
	4.4	17.8	42.2	32.2	2.5	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

01 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

FEB
MONTH

ALL WEATHER

CLAR

2100-2100

HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2		.1								.5	6.2
NNE	.4	.5	1.2	1.3								3.3	9.2
NE	.6	3.1	6.5	7.3	.6							19.6	9.9
ENE	.2	7.4	13.8	15.6	.7							38.5	9.7
E	1.5	6.5	12.5	6.6	.2							27.7	8.7
ESE	.1	.7	1.8	1.2								3.8	9.2
SE	.2	.5	.7	.6								2.9	7.4
SSE	.1	.1	.2	.2								.7	8.8
S		.1	.5	.5								1.1	9.3
SSW				.7								.2	12.5
SW													
WSW													
W													
WNW													
NW													
NNW	.1											.1	2.0
VARBL													
CALM												2.1	
	4.7	19.1	38.8	33.7	1.5							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9118 STATION ANDERSEN AFB STATION NAME 74-53 YEARS FEB
ALL WEATHER CLASS ALL HOURS (L E T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.2								.4	6.5
NNE	.2	.2	2.2	2.0	.1							5.9	9.7
NE	.7	2.4	8.1	8.7	.8	.7						25.6	15.4
ENE	.7	4.4	12.3	13.7	1.2	.7						32.4	10.3
E	1.7	5.4	12.3	9.6	.5							39.1	9.3
ESE	.7	1.4	2.2	1.1	.1	.7						5.2	8.4
SE	.7	.4	1.2	.5	.7	.7						2.3	6.3
SSE	.7	.2	.4	.4	.7	.7						1.2	9.5
S		.1	.4	.3	.7							.9	10.4
SSW		.7	.1	.1								.3	8.9
SW		.7										.2	5.0
WSW		.7		.7								.2	8.7
W			.7									.2	6.5
WNW	.7			.7								.1	9.8
NW	.7	.7										.1	4.3
NNW	.7	.1	.7	.7								.1	6.0
VARBL													
CALM												1.4	
	3.7	15.6	39.7	36.8	2.8	.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 6767

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 91 180 AND RSEN AFB STATION NAME 74-83 YEARS 46 NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.3									1.1	5.1
NNE	.2		1.1	1.1								3.2	5.8
NE		2.4	8.1	5.7	.4							16.6	9.8
ENE	.9	6.7	19.5	13.3	1.0							41.3	7.6
E	.1	4.7	14.7	1.3	.2	.1						30.2	9.6
ESE	.2	1.1	3.3	1.3								5.9	6.8
SE		.7		.1								.6	7.2
SSE				.3								.3	14.3
S													
SSW				.1								.1	14.2
SW			.1		.1							.2	14.2
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	1.5	16.6	47.1	32.3	1.7	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51180 STATION NAME ANDERSEN AFB YEARS 74-83 MAP 442
CLASS ALL WEATHER HOURS (LST) 1300-2500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5	.2								1.1	7.7
NNE	.3	.2	1.8	1.7								4.2	8.1
NE	.7	3.2	9.1	6.1	.6							19.5	9.6
ENE	.7	.2	14.2	13.2	.5							38.7	9.7
E	.1	.5	14.2	9.7	.4	.1						29.3	9.4
ESE	.1	1.1	3.0	1.2	.1							5.5	8.8
SE	.1	.1	.6									.3	7.3
SSE	.1	.1		.7								.5	1.4
S													
SSW													
SW		.1	.1									.2	7.2
WSW			.1									.1	8.2
W													
WNW													
NW													
NNW		.1										.1	4.2
VARBL													
CAIM												.5	
	1.7	16.5	46.7	30.8	1.7	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91 180 A. DERSON AFB STATION NAME 74-83 YEARS 4A2
 CLASS ALL WEATHER HOURS (LST) 1600-0800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.1	.5								1.3	7.9
NNE	.7	.5	1.3	.4								2.5	8.2
NE	.7	1.7	6.5	8.4	.5	.2						17.6	15.7
ENE	.1	.1	21.1	14.1	.8							41.1	15.2
E	.7	4.2	16.2	9.7	.1							29.9	9.5
ESE	.1	1.1	2.6	1.8								5.6	9.1
SE	.7	.1	.4	.2								.9	8.4
SSE			.7									.2	9.0
S					.1							.1	17.0
SSW													
SW													
WSW			.1	.1								.2	15.2
W			.1									.1	7.0
WNW													
NW													
NNW	.1											.1	2.0
VARBL													
CALM												.4	
	1.6	13.0	48.6	34.6	1.5	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7118 ANDERSEN AFB STATION NAME 74-83 YEARS 42 NORTH
ALL WEATHER CLASS 1900-1900 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N		.2	.2	.3								1.1
NNE		.2	1.3	1.5		.1						2.4
NE		.2	5.6	10.5	.5							17.2
ENE		.2	11.9	19.8	1.6							24.1
E		1.2	14.7	18.0	.9	.1						34.9
ESE	.1	.1	3.1	4.1	.1							7.5
SE			.2	.5								1.1
SSE												
S				.2	.1							.3
SSW												
SW												
WSW												
W			.2									.2
WNW												
NW												
NNW			.1									.1
VARBL												
CALM												
	.1	3.5	37.7	54.9	3.2	.2						100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41 15 ANDERSEN AFB STATION NAME 74-83 YEARS 442
MONTH 1200-1400
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIP	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	.2	.1							1.5	9.6
NNE	.4		2.2	2.8								5.5	10.5
NE		.4	5.3	11.3	1.2	.1						18.6	11.9
ENE		.4	9.2	17.8	3.3							30.9	12.4
E		.4	12.0	18.9	1.0							33.2	11.6
ESE			3.4	3.9	.1							7.4	11.2
SE			.5	1.4								1.9	11.9
SSE			.1	.1	.1							.3	14.3
S					.3							.3	17.7
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.1	.2									.3	7.0
VARBL													
CALM													
	.1	2.2	35.1	56.5	6.1	.1						100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 51160 ANDERSEN AFB STATION NAME 74-83 YEARS MAP SOUTH
CLASS ALL WEATHER 1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.7	.3	.2							2.3	9.8
NNE		1.0	1.4	1.8								4.2	9.8
NE	.1	1.0	6.7	9.7	1.0	.1						19.6	11.2
ENE		1.0	14.4	19.2	1.6							36.6	11.4
E		1.2	14.9	13.0	.4							29.6	10.6
ESE	.1	.2	2.0	2.9								5.3	10.7
SE	.1	.2	1.0	.8	.1							2.2	10.1
SSE				.3	.1							.4	13.5
S					.2							.2	18.0
SSW													
SW													
WSW		.1										.1	6.0
W													
WNW													
NW													
NNW			.1									.1	8.0
VARBL													
CALM												.1	
	.7	5.5	42.3	48.1	3.7	.1						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

61-80 STATION ANDERSEN AFB 74-P3 MAC
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.2	.2	.1							1.1	7.9
NNE	.1	.6	1.2	.9	.2							3.2	9.5
NE	.1	2.6	9.7	6.2	.8							19.4	9.9
ENE		4.5	22.2	17.3	1.6							45.7	10.2
E	.1	2.4	12.3	8.9	.3							24.2	10.2
ESE		.8	1.4	1.4	.1							3.7	9.8
SE		.7	1.4	.4								1.7	6.4
SSE		.1	.2	.2								.5	9.2
S				.2								.3	15.2
SSW													
SW		.1										.1	4.0
WSW													
W	.1											.1	1.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.5	11.9	48.1	35.9	3.1							100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9118 ANDERSEN AFB STATION NAME 74-83 YEARS MAP
GORTH
CLASS ALL WEATHER 2100-2300
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.2	.1								.8	7.7
NNE	.1	1.1	1.5	.4	.1							3.2	8.0
NE	.3	1.0	6.1	7.4	.9							18.5	10.2
ENE	.1	4.6	24.4	14.4	1.9							45.5	10.1
E		2.4	11.3	9.5	.3							23.9	10.1
ESE	.1	1.3	3.4	2.7	.1							7.0	9.1
SE		.1	.1									.2	7.0
SSE		.1	.3	.1								.5	8.6
S				.1								.1	14.0
SSW				.2								.2	14.5
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.5	
	.6	11.8	49.4	34.3	3.3							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 61 150 STATION NAME ANDERSEN AFB YEARS 74-83 MONTH MAR
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.6	.2	.1							1.3	8.4
NNE	.1	.7	1.5	1.2	.7	.7						3.6	9.2
NE	.1	1.3	7.4	8.2	.7	.1						18.3	15.6
ENE	.2	3.4	17.7	16.2	1.5							39.2	19.6
E	.1	2.8	13.9	12.7	.5	.7						29.3	19.3
ESE	.1	.7	2.8	2.3	.1							6.0	19.0
SE	.	.2	.5	.4	.7							1.2	9.5
SSE	.	.	.1	.2	.7							.4	11.1
S				.1	.1							.2	16.6
SSW				.7								.0	14.3
SW		.	.7		.7							.1	9.2
WSW		.	.0	.0								.1	8.5
W	.		.0									.1	5.8
WNW													
NW													
NNW	.	.7	.1									.1	6.2
VARBL													
CALM												.3	
	.8	1.1	44.6	40.9	3.1	.1						100.0	19.3

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 0110 ANDERSEN AFB STATION NAME 74-83 YEARS APR MONTHS
CLASS ALL WEATHER 0000-0000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.3								.3	13.7
NNE		.1	.3	.6								1.0	11.2
NE		.1	3.4	1.4								5.7	9.3
ENE	.2	4.7	18.6	1.7	.9	.1						35.2	9.8
E	.4	7.4	25.1	13.9	.3							47.2	9.8
ESE	.7	.8	2.7	1.4								5.6	8.4
SE	.1	.3	.3									.8	6.3
SSE	.7		.1									.4	4.2
S													
SSW													
SW	.1											.1	2.0
WSW			.7	.4								.7	11.7
W	.1	.1	.3	.2								.8	6.9
WNW	.1	.1										.2	9.0
NW		.7	.1									.3	5.3
NNW													
VARBL													
CALM												1.7	
	2.1	14.7	51.2	29.0	1.2	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 31 180 ANDERSEN AFB STATION NAME 74-83 YEARS APR
ALL WEATHER 0300-0500
 CLASS MOVES (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.2								.3	14.3
NNE		.1	.3	.7								1.1	11.6
NE		1.7	3.6	2.3								7.6	9.0
ENE	.2	7.4	10.4	9.2	.7							38.2	9.1
E	.7	7.4	22.4	12.7	.2							42.8	9.1
ESE	.1	1.1	2.3	.9	.1							4.6	8.7
SE		.6	.4	.1								.9	7.4
SSE	.1	.2	.1									.4	5.3
S		.1										.1	5.0
SSW													
SW			.7									.3	6.3
WSW	.1			.2	.1							.4	12.8
W	.1	.3		.7	.1							.9	9.4
WNW	.1		.2									.3	6.3
NW													
NNW	.1		.1	.1								.4	6.5
VARBL													
CALM												1.9	
	1.7	18.8	50.3	26.1	1.2							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 91180 ANDERWEL AFB STATION NAME 74-83 YEARS APR MONTH
ALL WEATHER CLASS 0600-0800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.4	.1	.1							1.4	9.2
NNE			1.2	.4	.1							1.8	10.3
NE		1.4	3.1	3.2								7.8	9.8
ENE		4.2	17.1	11.9	.7							33.9	9.8
E	.7	6.3	2.8	15.9	.3							44.2	9.6
ESE	.7	1.4	3.0	1.6	.1							6.4	8.7
SE		.3	.9	.1								1.2	7.6
SSE	.1	.2										.3	5.0
S	.1	.1										.2	3.0
SSW													
SW			.7	.1								.4	9.5
WSW			.1	.1								.2	11.5
W	.7	.2		.3	.1							.9	10.4
WNW	.7		.3									.4	7.0
NW		.1										.1	8.0
NNW	.1			.2								.3	10.3
VARBL													
CALM												.9	
	1.7	14.8	47.2	34.0	1.4							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41 18 ANDERSEN AFB STATION NAME 74-63 YEARS APR
ALL WEATHER 1900-1900
 CLASS HOURLY (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.2									.9	8.3
NNE		.1	1.0	.8								2.1	9.6
NE	.1	.2	2.6	5.1								8.2	11.3
ENE	.1		9.9	16.2	1.3							28.3	11.6
E		2.9	19.7	25.0	1.0							48.6	11.7
ESE		.3	3.9	3.3								7.6	12.4
SE		.2	1.7	.7								1.9	9.8
SSE		.1	.1									.4	7.5
S			.7									.3	8.3
SSW	.1		.1									.2	8.5
SW			.1									.1	8.0
WSW				.3								.3	14.7
W		.1	.1		.2	.1						.6	15.8
WNW		.1	.1									.2	7.0
NW			.1									.1	10.0
NNW			.2	.2								.3	13.0
VARBL													
CALM													
	.3	5.6	39.4	52.7	2.6	.1						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0118 ANDERSEN AFB STATION NAME 74-63 YEARS APR
MONTH 1900-1930
CLASS ALL WEATHER
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.7	.6								1.4	9.6
NNE		.7	1.1	1.7	.1							2.8	1.2
NE			2.9	5.7	.6							8.4	12.2
ENE	.1	.2	8.1	15.3	.8							25.1	11.7
E	.7	3.0	18.7	25.7	1.3							48.9	11.1
ESE		.1	4.3	4.6								9.2	12.8
SE		.1	1.3	.3								1.2	5.9
SSE		.1		.1								.2	7.5
S			.7									.2	8.3
SSW		.1	.2	.1								.4	8.3
SW			.1		.1							.2	14.2
WSW			.1		.1	.3						.6	19.6
W				.1	.1	.3						.3	10.5
WNW			.7									.3	10.5
NW													
NNW			.7	.1								.3	10.3
VARBL													
CALM													
	.7	5.0	38.2	53.1	3.7	.3						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 920

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 16 STATION ANDERSEN AFB 74-83 APR 1967-1972
STATION NAME YEARS MONTHS (L S T)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.7	.7								1.2	6.6
NNE		.2	.9	.9	.1	.1						2.2	11.4
NE		1.0	4.4	3.8	.1							9.3	10.2
ENE	.0	2.2	13.1	18.4	.4							34.7	10.7
E	.0	3.7	22.3	16.7	.4							42.8	10.2
ESE		.1	2.1	3.6								5.8	10.0
SE		.1	.4	.1								1.1	7.4
SSE		.1	.2									.3	6.7
S		.1	.1									.2	6.5
SSW	.0											.1	6.0
SW													
WSW			.1									.1	6.7
W	.0		.1	.3	.4							1.8	14.1
WNW		.0	.1	.2								.4	8.5
NW		.0										.2	5.5
NNW			.1	.2								.3	11.7
VARBL													
CALM												.1	
	1.0	7.0	44.8	44.6	1.6	.1						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-16 ANDERSEN AFB STATION NAME 74-63 YEARS APR
MONTH 1800-2400
HOURS (LST)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2				.1						.2	5.6
NNE		.1	.8	.4	.7							1.5	11.3
NE	.1	1.1	4.0	2.8								5.8	9.5
ENE	.3	5.3	18.9	15.8	.1							41.2	9.8
E	.4	5.4	19.9	13.7	.1							39.6	2.5
ESE		.7	2.1	1.7								4.2	9.4
SE		.7	.7	.1								.5	7.8
SSE	.1	.4	.1									.7	5.2
S													
SSW													
SW		.7										.1	4.2
WSW		.7		.1								.3	5.7
W				.6								.4	13.6
WNW	.1	.4	.1									.7	5.2
NW		.7	.1	.2								.3	11.3
NNW		.7	.1	.3								.7	9.5
VARBL													
CALM												.4	
	.1	14.6	47.0	35.3	.4	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 114 STATION NAME ANDERSEN AFB YEARS 74-87 MONTH APR
CLASS ALL WEATHER HOURS (L E T) 0100-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7			.1	.1							.2	7.8
NNF			.7	.3								1.0	1.3
NE		.2	3.7	1.4	.1							5.3	9.2
ENE	.7	5.4	19.6	17.2	1.1							47.0	9.7
E	.1	7.4	21.4	14.3	.7							41.7	9.7
ESE	.1	.7	2.1	2.3								5.4	9.6
SE		.7		.1								.8	9.4
SSE													
S													
SSW		.7										.1	4.3
SW													
WSW		.7	.1	.7								.4	7.8
W	.7	.1	.1	.4								.9	9.2
WNW	.7			.1								.2	5.7
NW			.7	.1								.2	11.5
NNW			.7									.3	9.3
VARBL													
CALM												1.7	
	1.7	14.2	48.0	32.8	1.7							128.0	9.4

TOTAL NUMBER OF OBSERVATIONS 922

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE /MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0116 STATION ANDERSEN AFB 74-83 YEARS APP MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.2	.1	.1						.8	9.0
NNE		.2	.3	.7	.1	.1						1.7	11.6
NE		.2	3.5	2.1	.1							7.7	15.1
ENE	.3	3.9	15.7	13.8	.7							34.5	12.2
E	.4	5.1	21.3	17.1	.5							44.4	15.2
ESE	.2	.7	2.8	2.4	.7							6.1	9.8
SE		.3	.6	.2								1.1	8.1
SSE		.2	.1	.7								.4	5.7
S		.7	.1									.1	6.5
SSW		.1		.6								.1	5.1
SW		.7	.1	.7								.1	7.7
WSW		.7	.1	.7	.7							.3	11.5
W		.1	.1	.3	.1	.1						.7	12.1
WNW		.1	.2	.7								.4	6.8
NW		.1	.7	.7								.2	8.3
NNW		.7	.1	.2								.3	9.8
VARBL													
CALM												.6	
	1.4	11.1	45.8	38.4	1.6	.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 21 1 ANDERSEN AFB 74-83 MAY
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1									.1	8.0
NNE		.1	.1									.2	7.5
NE	.1	.5	2.2	1.2		.2	.1					4.5	10.4
ENE	.1	4.4	12.7	2.9	.1							21.2	8.1
E	.1	9.7	25.1	8.7								43.9	8.5
ESE	.1	4.7	7.2	1.2								13.5	7.4
SE	.1	1.1	1.6	1.1								4.2	8.3
SSE	.1	.1	1.3	.4								2.4	7.9
S	.1	1.0	.5	.3						.1		2.2	9.6
SSW	.1	.1		.1						.1		1.3	9.2
SW	.1	.3		.1						.1		.9	12.3
WSW	.1	.1	.1									.3	5.7
W													
WNW													
NW	.1											.1	1.0
NNW			.1	.1								.2	10.2
VARBL													
CALM												5.1	
	3.0	23.8	51.0	15.7	.1	.2	.1			.3		100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9110 ANDERSEN AFB STATION NAME 74-53 YEARS MAY
CLASS ALL WEATHER MONTH 2300-2500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	5.3
NNE	.1	.2	.4	.2								1.1	7.6
NE	.1	1.7	2.7	1.2	.1		.7					6.3	9.3
ENE	.1	4.5	12.7	4.4								22.4	8.3
E	1.2	10.5	24.6	6.2								42.6	8.0
ESE	.4	11.3	4.2	1.4								16.3	7.4
SE	.1	1.4	1.0	.4								3.9	7.7
SSE	.1	.6	1.0	.2	.1							2.2	7.9
S		.1	.8	.2						.1	.2	1.8	16.8
SSW	.1	.4		.2								.9	6.4
SW	.1	.5	.2									1.3	4.5
WSW	.1	.1		.1								.3	7.3
W													
WNW	.1											.1	3.7
NW			.1	.2								.3	12.0
NNW													
VARBL													
CALM												6.2	
	4.3	25.1	48.7	14.8	.2		.3			.1	.2	100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

01 167 STATION ANDERSEN AFB 74-83 YEARS MAY
STATION STATION NAME MONTH
ALL WEATHER CLASS 0600-2800
CONDITION HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.1	.2		.3								.8	7.9
NE	.5	.6	1.8	2.3	.2			.3				7.7	15.4
ENE	.5	3.1	12.7	7.5								23.3	9.2
E	.6	7.5	24.2	9.7								42.7	8.9
ESE	.7	2.7	5.6	2.0								10.1	6.3
SE	.2	.1	2.4	.5	.1							4.0	6.2
SSE	.4	1.1	.8	.1								2.4	6.2
S	.1	1.1	.8	.2								2.2	6.9
SSW	.3	.4	.1					.3				1.6	9.7
SW	.1	.1	.1									.8	5.6
WSW	.7	.2		.1								.5	5.2
W	.1											.1	2.0
WNW				.7								.2	14.0
NW													
NNW		.1		.1								.2	9.0
VARBL													
CALM												4.0	
	4.2	17.7	5.5	22.6	.3			.6				170.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51.1E ANDERSEN AFB STATION NAME 74-63 YEARS MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.8
NNE		.2	1.0	.1								1.3	6.3
NE		.4	2.2	3.7	.3			.1				6.0	12.0
ENE		1.1	6.4	9.3	.1				.1	.1		17.0	11.2
E	.3	2.4	1.9	20.5	.3							45.7	10.4
ESE		.6	9.1	5.6	.1							15.5	10.2
SE	.3	1.5	2.0	1.5	.1							5.5	8.5
SSE	.2	.5	1.6	.4	.1							3.2	8.1
S		.3	1.0	.5								2.8	9.4
SSW	.1	.3	.3	.2			.1	.2				1.3	14.7
SW		.2	.1									.3	5.7
WSW		.1	.1	.1								.3	9.3
W				.1								.1	11.0
WNW			.1	.1								.2	11.5
NW													
NNW			.1									.1	10.0
VARBL													
CALM												.3	
	1.6	8.0	46.9	41.4	1.1		.1	.3	.1	.1		100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91 160
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

MAY

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3									.8	5.6
NNE			.2	.2	.1							.5	12.8
NE		.3	.9	2.0	.2	.1						3.5	12.0
ENE	.1	.3	6.3	9.7	.5						.3	17.3	12.2
E	.1	1.7	19.1	2.8	.2							42.4	10.7
ESE	.1	1.5	10.1	8.1	.1							19.9	10.1
SE	.1	.4	4.2	2.3	.2							7.3	9.7
SSE	.1	.3	1.1	.5								1.9	8.2
S		.1	2.5	.5	.2							3.5	9.5
SSW		.1	.2	.3		.1						.9	11.9
SW			.1			.1						.2	16.5
WSW			.1									.1	10.0
W	.1	.1	.2	.1								.5	7.0
WNW				.2								.2	15.0
NW													
NNW		.1	.4									.5	7.6
VARBL													
CALM												.3	
	1.4	5.6	45.7	44.7	1.6	.2	.1				.3	100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18 STATION ANDERSEN AFB STATION NAME 78-83 YEARS MAY
1970-1970
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.3									.6	6.2
NNE				.1		.1						.2	17.6
NE	.5	.6	1.1	1.5	.2	.1	.1					4.2	10.9
ENE	.1	.0	9.7	7.2	.1						.1	18.0	10.5
E	.4	2.7	24.6	15.7								43.4	9.9
ESE	.7	2.7	11.6	3.7						.1	.1	17.7	9.4
SE	.1	1.7	3.3	2.8	.1							7.3	9.7
SSE		.4	1.0	.6	.1							2.2	9.2
S		.7	1.8	.6	.1							3.2	9.2
SSW		.4	.2									.6	6.7
SW	.1		.1	.1								.3	6.7
WSW		.7										.3	5.0
W		.2	.1	.1	.1							.5	10.2
WNW													
NW		.7										.2	6.0
NNW		.1	.1									.2	6.5
VARBL													
CALM												.9	
	1.6	9.7	54.7	32.5	.8	.2	.1			.1	.2	120.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91 16 STATION ANDERSEN AFB 74-83 YEARS MAY
STATION NAME CLASB 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.1									.3	6.3
NNE	.1	.1	.2									.4	5.8
NE	.5	.8	1.6	1.2		.2	.1					4.4	9.7
ENE	.3	3.2	12.2	5.1								21.2	6.8
E	.6	7.6	27.7	17.5								45.7	8.9
ESE	.3	3.2	6.9	1.4								11.8	8.0
SE	.7	1.1	2.6	1.1								4.9	8.3
SSE	.1	1.2	1.1	1.0								3.3	8.7
S	.3	1.2	1.7	.3							.2	3.0	12.1
SSW	.4	.3	.2	.2							.1	1.3	12.6
SW		.7	.1	.1								.3	6.3
WSW	.1		.1									.2	6.0
W				.2								.2	14.0
WNW													
NW		.7	.1									.4	5.5
NNW													
VARBL													
CALM												2.6	
	3.3	19.5	53.0	21.0		.2	.1				.3	100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
DAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9116 ANDERSEN AFB 74-83 MAY
STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2									.4	7.3
NNE													
NE	.4	.0	1.4	.6	.1	.3						3.8	9.5
ENE	.5	4.3	12.7	3.8	.1							20.8	8.4
E	1.3	8.5	29.2	9.2	.1							48.4	8.6
ESE	.6	2.8	6.5	1.0								10.9	7.6
SE	.2	1.0	2.0	.9	.2							4.3	6.8
SSE	.1	1.2	1.2	.8								3.2	7.7
S	.7	.6	.4	.6								1.9	7.9
SSW	.7	.6	.1								.3	1.3	20.6
SW	.1		.3	.1								.5	8.6
WSW			.1	.1								.2	10.0
W				.1								.1	12.0
WNW													
NW	.1											.1	2.0
NNW			.1									.1	8.0
VARBL													
CALM												4.0	
	4.0	12.9	53.8	17.2	.5	.3					.3	100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0118 ANDERSEN AFB STATION NAME 74-83 YEARS JUN
MONTH 0000-0200
HOURS (L & T)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												.1	4.0
NNE	.1	.2	.2									.6	5.4
NE	.1	.3	.9	.2								2.5	7.1
ENE	1.1	1.1	8.1	.4								14.8	6.8
E	1.4	15.6	28.2	5.1	.1							52.7	7.7
ESE	.7	4.2	9.1	1.3								15.3	7.6
SE	.7	2.6	2.1	.6								5.4	7.1
SSE	.5	1.2	.7	1.0	.1							3.8	6.1
S		.7	.9	.7								1.9	8.2
SSW		.1	.2									1.1	3.9
SW	.4		.1									.6	3.6
WSW	.1											.2	2.5
W													
WNW	.7											.2	2.0
NW													
NNW	.1											.1	2.0
VARBL													
CALM												3.1	
	6.2	3.8	57.7	9.5	.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11 18 ANDERSEN AFB STATION NAME 74-83 YEARS JUL
ALL WEATHER CLASS 0300-0600
 HOURS (LST) 0300-0600
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1	.1									.2	7.7
NE		1.7	1.2									2.2	7.7
ENE	1.2	1.3	8.4	1.4								17.4	7.7
E	.5	14.1	24.7	5.1	.2							46.1	7.6
ESE	1.3	4.7	7.1	1.4	.2							15.2	7.2
SE	1.2	2.4	2.1	.7								6.4	6.6
SSE	.1	1.4	.7	.6								2.2	7.4
S		.3	.3	.2	.1	.7						1.2	11.7
SSW	.1	.3	.1									.5	5.7
SW	.7	.3	.2									.9	5.9
WSW	.1											.1	2.7
W	.1											.1	2.7
WNW	.1											.1	2.7
NW													
NNW													
VARBL													
CALM												6.3	
	6.1	31.3	45.7	9.4	.6	.2						100.1	6.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ANDERSEN AFB STATION NAME 74-83 YEARS 1954
CLASS ALL WEATHER HOURS (L.S.T.) 1600-2600
CONDITION

SPEED (KNTS) DIR.	1 - 2	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE		.1	.2	.1								.4	6.8
NE		1.7	1.6	.7								1.2	7.3
ENE		4.2	9.6	1.4								15.8	7.6
E	1.7	11.2	28.2	8.1								49.1	6.2
ESE		3.1	8.4	2.6	.2							15.4	6.2
SE		1.9	2.6	.6								5.6	7.1
SSE	.1	.4	1.7	.4								2.7	8.4
S	.3	.7	.3	.3	.2	.1						1.5	9.2
SSW		.4	.1									.9	4.1
SW			.1									.4	5.5
WSW	.1	.1	.1	.1								.4	2.3
W	.1											.2	1.5
WNW													
NW													
NNW	.1	.1										.1	2.7
VARBL													
CALM												3.1	
	4.1	25.1	52.6	17.9	.4	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1110 ANDERSEN AFB STATION NAME 74-63 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (LST) 0000-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.1	.7									.7	5.6
NNE	.	.3	.3	.1								.7	4.9
NE	.	.	1.3	.7								1.4	4.0
ENE	.	1.7	4.0	3.2								9.4	5.3
E	.7	3.6	31.6	15.7								52.3	7.7
ESE		2.0	11.6	5.9	.7							21.6	6.5
SE		.	4.9	2.8								8.2	6.0
SSE		.	.8	.6								2.1	5.9
S		.0	.4	.4	.1							1.4	5.8
SSW	.	.	.2	.3								.7	1.2
SW		.	.	.1								.0	6.4
WSW			.	.1								.1	12.1
W		.	.7	.1								.4	2.0
WNW													
NW			.									.1	5.2
NNW		.	.1									.2	5.7
VARBL												.0	
CALM												.0	
	.1	1.1	56.0	3.9	.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 400

CLIMATE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7118 ANDERSEN AFB STATION NAME 74-83 YEARS 1958
CLASS ALL WEATHER HOURS (L & T) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												.6	3.6
NNE			.1	.4								.5	12.2
NE		.1	.4	.3								.9	9.4
ENE		1.1	4.3	2.8								8.6	9.4
E	.1	3.1	27.1	19.1	.1							51.1	11.0
ESE	.1	2.2	1.9	7.2	.2							25.8	9.7
SE	.1	.1	6.1	3.4	.1							10.6	9.8
SSE	.1	.2	1.7	.7								2.7	8.8
S		.2	.4	.1								1.7	9.3
SSW		.1	.2	.2	.1	.2						1.2	14.0
SW		.1										.1	5.7
WSW		.1		.1								.1	8.7
W												.2	7.5
WNW		.1	.1									.2	6.0
NW		.1										.1	5.0
NNW				.1								.2	10.0
VARBL													
CALM												.3	
	.7	9.5	23.7	3.9	.7	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1110 STATION ANDERSEN AFB 74-83 YEARS MONTH JULY
STATION NAME CLASS ALL WEATHER 1500-1700
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.4	.2								1.2	8.2
NNE		.7	.3	.3								.9	6.8
NE	.1	.4	1.7	.4								2.2	8.1
ENE	.1	1.0	5.8	1.2								8.1	6.6
E	1.0	7.0	28.9	13.9	.1							51.4	9.1
ESE	.0	2.0	13.6	3.7	.7							21.4	8.7
SE	.1	2.0	4.1	1.7								8.1	6.3
SSE		.7	1.7	.6	.2							2.8	10.0
S	.1	.4	.2	.3								1.2	7.5
SSW		.4	.4	.3	.7							1.6	1.1
SW			.1	.1								.3	9.7
WSW		.7	.1									.3	6.3
W	.1	.7										.3	4.2
WNW													
NW			.1									.4	9.2
NNW													
VARBL													
CALM												.3	
	.3	15.8	56.9	20.8	.9							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 01 180 ANDERSEN AFB STATION NAME 74-83 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.3									.9	6.0
NNE	.1	.3		.7								.7	6.7
NE	.7	1.0	.6	.1								2.4	5.9
ENE	.7	4.3	6.7	1.1								12.8	7.1
E	1.0	12.4	27.6	9.1								51.0	8.0
ESE	.7	5.9	9.6	2.6								18.7	7.8
SE	.7	2.0	3.0	1.2								7.2	7.7
SSE	.7	.7	.6	.6								1.9	5.2
S			.4	.2								.9	8.5
SSW	.7	.1		.1	.1							.4	1.5
SW	.1	.7	.1									.8	5.0
WSW	.7	.2										.0	2.8
W	.7	.2	.1									.6	4.2
WNW	.7	.2										.3	3.7
NW													
NNW	.7	.3										.4	4.5
VARBL													
CALM												1.1	
	.2	27.6	48.9	15.1	.1							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01 18 STATION NAME ANDERSEN AFB YEARS 74-83 MONTHS JUN
CLASS ALL WEATHER HOURS 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.1		.1									.2
NNE		.1	.3									.4
NE	.1	1.2	1.1	.1								2.5
ENE	.1	3.9	8.8	1.7								14.2
E	1.2	12.1	21.4	5.6	.1							37.2
ESE	.3	6.1	1.4	3.2								20.8
SE	.7	2.2	2.3	1.1	.2							6.2
SSE		.7	.7	.2	.1							1.7
S		.1	.7	.1								1.6
SSW	.1	.2	.2									.9
SW	.1	.1	.1	.2								1.2
WSW	.1											.3
W	.1											.2
WNW	.1											.2
NW	.1	.1										.2
NNW	.1											.1
VARBL												
CALM												2.1
	4.5	28.2	53.1	11.6	.4							100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91180 ANDERSEN AFB STATION NAME 74-63 YEARS JUN
 CLASS ALL WEATHER HOURS (LST) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.3	.5								.5	7.3
NNE	.1	.2	.2	.2								.6	7.6
NE	.1	.7	1.0	.2								2.0	7.3
ENE	.2	3.4	7.1	1.6								12.6	7.7
E	1.2	10.0	28.2	1.3	.1							49.9	8.6
ESE	.5	4.2	10.1	3.5	.2							18.5	8.4
SE	.4	1.9	7.4	1.5	.7							7.2	8.2
SSE	.1	.7	1.1	.6	.1							2.6	8.5
S	.1	.7	.5	.3	.1	.2						1.5	8.9
SSW	.1	.2	.2	.1	.1	.2						.9	7.6
SW	.1	.2	.2	.1								.6	5.6
WSW	.1	.1	.2	.2								.3	5.2
W	.1	.1	.1	.2								.3	4.7
WNW	.1	.1	.2									.2	3.3
NW	.1	.7	.0									.1	5.8
NNW	.1	.1	.2	.2								.2	4.9
VARBL													
CALM												2.1	
	4.1	22.5	52.2	18.4	.5	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01 180 STATION NAME ANDERSEN AFB YEARS 74-83 MONTH JUL
CLASS ALL WEATHER PERIOD 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	.3	.1								1.2	6.4
NNE	.5	.1										.8	3.1
NE	1.7	1.1	1.3	.2								3.2	5.6
ENE	2.4	5.2	2.7	.3								11.3	5.2
E	3.5	9.7	1.2	1.8	.1							25.4	6.6
ESE	2.7	5.1	5.4	1.0								17.4	6.6
SE	1.1	2.7	3.4	1.0								8.2	6.9
SSE	.3	1.6	1.5	1.1	.2							5.2	7.7
S	.5	1.5	1.1	.5	.1							3.8	6.9
SSW	.3	1.1	.5									1.9	5.4
SW	.5	1.3	.8	.1								2.7	5.8
WSW	.4	.6	.4	.2								1.7	6.1
W	.1		.6									.8	7.9
WNW	.0	.1	.4	.2								1.3	6.4
NW			.2	.1								.3	11.3
NNW	.1	.1		.1								.3	6.3
VARBL													
CALM												18.0	
	14.9	31.3	28.9	6.8	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9118 STATION ANDERSEN AFB STATION NAME 74-83 YEARS 111 MONTHS
ALL WEATHER CLASS 0300-0500 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4		.3								1.2	5.8
NNE	.1	.4										.5	4.2
NE	.5	1.4	1.2	.4								3.5	6.2
ENE	7.4	6.1	2.7	.2								12.5	5.0
E	1.2	9.8	11.0	1.0								24.6	6.9
ESE	1.3	4.3	4.7	1.2								11.5	6.9
SE	.5	3.0	3.1	.8	.1							7.5	7.1
SSE	1.0	1.5	1.3	.8	.1							4.6	7.0
S	.8	.3	1.6	.2	.1	.1						3.1	7.8
SSW	.5	.8	.6			.1						2.0	5.9
SW	.5	.9	1.7	.2								3.5	6.2
WSW	.3	.9	.6									1.7	5.6
W	.5	.1	.4	.2								1.3	6.3
WNW	.5		.2	.6								1.2	9.3
NW	.1	.1										.2	4.5
NNW	.4	.1		.1								.6	5.0
VARBL													
CALM												20.2	
	13.0	30.0	29.2	7.0	.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
ATC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180 STATION ANDERSEN AFB 74-83 JUL NORTH
CLASS ALL WEATHER 3600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.3	.3								1.7	5.8
NNE	.3	1.0	.2	.1								1.8	4.9
NE	.2	1.0	1.5	.2								4.4	6.0
ENE	2.0	4.0	4.4	.6								12.2	6.1
E	1.0	8.4	13.3	3.4	.2							27.2	7.6
ESE	1.2	4.5	4.5	1.7								11.2	6.9
SE	1.1	2.0	2.6	1.2								7.8	7.2
SSE	.2	2.0	1.1	.8	.2							5.0	6.8
S	.2	.6	1.5									3.2	6.1
SSW	.9	1.1	.2	.2	.1							3.1	6.7
SW	.2	1.2	1.4	.5	.1							3.6	7.5
WSW	.4	.2	.1	.1								1.7	6.1
W		.2	.3	.2								.8	9.0
WNW	.2	.1	.2	.5								1.2	8.7
NW	.2	.1		.1								.4	5.3
NNW	.2	.2										.4	3.8
VARBL													
CALM												14.5	
	12.6	20.6	33.0	9.6	.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0118 ANDERSEN AFB STATION NAME 74-83 YEARS 1977-1979
CLASS ALL WEATHER HOURS (LST) 2900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.4	1.2	1.0	.2								2.6
NNE	.7	1.6	.9	.5								3.3
NE	.1	1.7	1.9	.8								4.5
ENE	.4	2.2	3.2	1.6								7.4
E	.5	6.7	15.5	7.6								75.3
ESE	.9	4.8	8.4	2.7	.1							16.2
SE	.7	2.4	5.5	1.8	.1							15.2
SSE	.7	1.4	2.6	1.7	.2							6.1
S	1.1	1.5	1.4	.3	.1							4.4
SSW	.7	.4	.8	.6	.2							2.4
SW	.1	.3	1.7	.4								1.6
WSW	.1	.5	1.0	.4								2.0
W	.6	.5	.4	1.1								2.7
WNW	.2	.3	.2	.3								1.4
NW	.2	.1	.2									.5
NNW	.1	.3	.1	.1								.6
VARBL												
CALM												3.1
	0.2	26.2	44.7	19.7	.8							170.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51 1 C ANDERSEN AFB STATION NAME 74-83 YEARS JUL
ALL WEATHER 1200-1400
 CLASS HOURLY (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.7	.3								3.5	7.4
NNE	.7	1.0	1.3									2.6	5.1
NE	.1	.5	1.7	.9								3.2	9.1
ENE	.3	1.3	2.7	1.2								5.5	8.2
E	.2	5.8	16.0	7.4	.1							29.6	9.7
ESE	.5	4.8	8.8	2.7								16.9	8.1
SE	.1	2.5	7.8	2.6	.1							13.4	9.0
SSE	.5	1.7	3.8	2.7	.1							8.2	6.7
S	.7	1.1	2.2	1.0								4.4	6.3
SSW	.1	.5	.4	.3	.1							1.5	9.1
SW		.7	.6	.5	.2							1.7	10.5
WSW		.7	.5	.5		.1						2.3	9.2
W	.5	.5	.9	1.7	.1	.1						3.1	9.5
WNW		.1	.1	.2								.4	9.6
NW		.7	.1	.1								.4	7.8
NNW	.4	.7	.5	.1								1.3	5.7
VARBL													
CALM												2.2	
	.7	22.2	49.2	23.9	.8	.2						100.3	6.4

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SL 180 ANDERSEN AFB STATION NAME 74-87 YEARS 111 MONTH 1522-1700
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.8	.3								4.3	6.3
NNE	.3	1.4	1.0									2.7	5.7
NE		1.0	1.3	.4								2.7	7.4
ENE	.3	4.2	3.9	1.1								2.5	7.2
E	.3	6.0	16.7	4.6	.2							28.4	6.5
ESE	.4	4.5	8.1	1.1	.1							14.2	7.6
SE	.4	2.4	6.0	1.6								1.6	8.2
SSE	.7	2.5	3.7	1.8								9.3	8.3
S	.7	2.3	2.0	.3								5.2	6.7
SSW		.4	.5	.4								1.4	8.5
SW	.7	.3	1.2	.2								1.9	5.1
WSW	.2	.6	.6	1.1	.2							3.2	12.3
W	.7	.5	1.1	.4								2.5	7.4
WNW		.1	.1	.1								.9	8.9
NW	.1	.7	.4									1.4	5.5
NNW	.1	.7	.2	.2								1.3	7.0
VARBL													
CALM												1.0	
	.2	27.7	48.5	14.3	.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91060 ANDERSEN AFB STATION NAME 74-83 YEARS JUL
 CLASS ALL WEATHER MONTH 1960-0000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.5	.5	.1								2.9	4.8
NNE	.	1.3	.5	.2								2.5	5.8
NE	1.1	1.7	1.7	.7	.1							4.8	5.9
ENE	1.1	5.1	4.3	.8								12.6	6.2
E	1.1	8.4	12.3	2.9								25.2	7.5
ESE	.	1.3	6.2	1.1								13.4	6.4
SE	1.1	3.3	3.2	1.3	.1							9.0	7.1
SSE	.	2.3	2.7	1.1	.1							6.1	7.5
S	1.1	1.1	.	.4								3.4	5.4
SSW	.	.	1.									2.7	6.6
SW	.	.0	.9	.1								2.6	5.4
WSW	.	.	.3	.7								1.6	7.1
W	.	1.	.6	.9								3.1	7.4
WNW	.	.1	.3									2.2	4.2
NW	.	.4	.1									.9	3.9
NNW	.	.										1.1	3.4
VARBL													
CALM												7.0	
		35.1	34.1	2.0	.3							100.2	6.2

TOTAL NUMBER OF OBSERVATIONS 935

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11100 ANDERSON AFB STATION NAME 74-83 YEARS 1974
 CLASS ALL WEATHER MONTH JUL
 HOUSE (L & T) 11100-2400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.2	.4								1.0	4.6
NNE	.1	1.5	1.2	.1								1.7	4.2
NE	.2	1.5	1.2	.1								4.0	5.3
ENE	2.2	4.3	3.7	.4								11.2	5.7
E	3.0	.9	2.8	1.7	.1							25.3	6.9
ESE	1.7	6.5	5.5	1.0								14.3	6.6
SE	.1	2.3	.6	1.1	.1	.2						8.2	5.1
SSE	1.1	1.2	1.2	1.1								5.2	7.4
S	1.0	1.0	1.2	.1								3.9	5.6
SSW	.1	.1	.1	.1								1.4	7.2
SW	.1	1.2	1.3									2.3	6.5
WSW	.1	.1	.2	.2								1.1	7.5
W	.1	.1	.5	.3								1.4	7.5
WNW	.1	.1	.1	.1								.2	6.2
NW	.1	.1	.1									.2	4.1
NNW	.1	.1	.1									.1	4.3
VARBL													
CALM												13.9	
	1.0	31.4	33.3	6.7	.2	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 830

AD-A137583

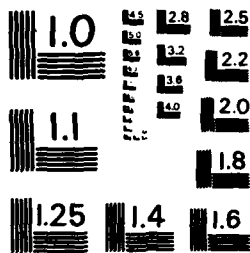
ANDERSEN AFB GUAM REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 16 JAN 84
USAFETAC/DS-84/002 SBI-AD-E850 507 F/G 4/2

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UNCLASSIFIED

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91718 ANDERSEN AFB STATION NAME 74-83 YEARS AUG
CLASS ALL WEATHER MONTH (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	.8	.1								1.9	6.1
NNE	.5	.6	.1	.1								1.4	6.8
NE	.6	2.2	1.2	.2	.1							4.3	5.8
ENE	1.3	2.9	2.7	.5								7.4	6.3
E	2.2	6.0	6.2	.5								14.9	6.8
ESE	1.1	4.5	2.7	.4								8.7	6.0
SE	.8	1.9	1.2	.8								4.6	6.6
SSE	.4	2.5	1.8	1.1	.1							5.9	7.6
S	1.4	2.7	2.2	1.2	.1	.1						7.0	7.6
SSW	.9	1.8	1.1	2.0	.1							5.9	8.5
SW	1.3	1.3	1.4	1.3	.1	.1						5.5	7.8
WSW	.6	.9	.4	.5	.4	.3						3.2	10.8
W	2.6	1.3	.8	.9	.6							6.1	6.9
WNW	.8	.9	.3									1.9	4.2
NW	.4	.6	.1									1.2	8.0
NNW	.4	.6										1.1	3.5
VARBL													
CALM												18.8	
	15.7	30.8	22.9	9.7	1.6	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

912180 ANDERSEN AFB 74-83 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	.2									1.6	8.3
NNE	1.0	.2	.4	.1								1.7	4.7
NE	.6	2.0	.9	.2								3.8	5.5
ENE	1.2	2.9	2.8	.1								7.0	5.8
E	2.0	5.4	4.2	1.5								13.1	6.5
ESE	.9	2.9	3.2	1.3								8.3	7.1
SE	.8	1.9	1.8	.6								5.2	6.7
SSE	.5	1.2	2.6	.9		.1						5.3	8.1
S	1.5	2.0	2.5	1.5	.3							7.8	7.5
SSW	.8	1.2	1.0	1.5								4.4	8.2
SW	.6	1.4	2.0	1.2	.2	.4						5.9	9.6
WSW	1.4	.9	.3	1.4	.1	.2	.1					4.4	9.0
W	1.2	1.7	1.0	.8	.2	.1	.1					5.1	8.1
WNW	.8	.5	.6									1.9	9.9
NW	.5	.4	.1									1.1	3.8
NNW	.1	.5										.6	4.5
VARBL													
CALM												22.8	
	14.4	26.1	23.7	11.1	.9	.9	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

AUG

DATE

ALL WEATHER
CLASS

0000-0000
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.2									1.6	5.0
NNE	.8	1.3	.2									2.3	5.1
NE	.6	1.5	1.3	.5								4.0	6.8
NNE	1.1	3.3	2.0	.1								6.6	6.0
E	1.7	4.5	5.9	1.0	.1							13.2	7.0
ESE	.9	3.1	3.8	1.6								9.1	7.8
SE	1.0	2.7	3.9	1.2	.3							9.0	7.7
SSE	.8	1.6	1.4	.9	.2							4.8	7.8
S	.4	2.3	2.0	1.7	.6							7.1	9.0
SSW	.4	1.1	1.4	1.1	.2	.1						4.3	9.1
SW	.2	2.2	2.3	1.6	.4	.1						6.8	9.3
WSW	1.1	1.1	1.6	1.5	.1	.1	.1	.1				5.7	9.8
W	1.0	1.5	.8	.8	.3	.1						4.4	7.7
WNW	.2	.6	.5	.1								1.5	6.1
NW	.2	.5	.3	.1								1.2	5.8
NNW	.1	.9	.2									1.2	5.1
VARB													
CALM												17.2	
	12.6	29.4	27.8	11.9	2.4	.8	.1	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

910180 ANDERSEN AFB 74-83 AUG
STATION STATION NAME YEAR MONTH
ALL WEATHER 0900-1100
CLASS SOURCE (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.2	.5				.1					3.1	5.9
NNE	.2	1.6	.8	.1								2.7	5.6
NE		.5	1.4	.4								2.4	8.5
ENE	.3	1.4	2.7	.6								5.1	7.6
E	1.1	4.2	9.8	2.2								17.2	7.8
ESE	.8	3.4	7.5	1.7								13.4	7.9
SE	.8	3.3	5.1	2.2								11.3	7.7
SSE	.4	1.5	2.2	1.6	.1							5.8	8.5
S	.2	1.7	3.7	1.9	.1	.2						7.8	9.9
SSW	.1	1.6	1.9	1.7	.5	.1						6.0	10.0
SW	.6	1.4	1.1	2.7	.4	.2						6.5	10.9
WSW	.2	.9	.8	2.2	.2	.1	.2					4.5	12.2
W	.8	1.7	1.9	1.5								5.9	7.9
WWW	.1	1.1	.8									1.9	5.8
NW	.2	.3	.2	.2								1.0	6.7
NNW	.4	.4	.5	.1								1.5	6.1
VARBL													
CALM												3.9	
	6.6	27.3	40.8	19.1	1.4	.6	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180

ANDERSEN AFB

78-83

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1800

GMT (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.7									3.3	6.3
NNE	.2	.9	1.0	.1								2.2	6.6
NE	.1	.4	1.4	.3								2.3	8.1
ENE	.1	1.0	2.4	.8								4.2	8.4
E	.8	2.8	10.4	2.6								16.6	8.5
ESE	.3	3.9	7.3	2.2	.1							13.8	8.0
SE	.1	4.2	5.2	1.9								11.4	7.9
SSE	.3	2.4	3.9	1.9	.2							8.7	8.6
S	.5	2.2	4.7	2.2	.2	.1						9.9	8.9
SSW	.2	.9	1.3	2.3	.4	.1						5.2	11.0
SW	.1	.2	1.1	2.2	.2	.3						4.1	12.4
WSW		.9	1.2	2.2	.4	.2	.1	.1				5.1	12.6
W	.2	1.2	1.9	1.7	.3	.2						5.6	10.3
WNW	.4	.6	1.3	.2								2.6	7.1
NW	.3	.4	.2	.1								1.1	5.5
NNW	.4	.4	.8									1.6	5.9
VARB.													
CALM												2.6	
	4.4	23.7	45.7	20.5	1.9	1.0	.1	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

912187 ANDERSEN AFB 74-83 AUG
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	1.6	.1								4.1	6.3
NNE	.3	1.5	1.3	.1								3.2	6.1
NE	.2	.4	1.7	.2								2.6	7.8
ENE	.2	1.6	1.6	1.1								4.5	8.0
E	1.3	5.8	8.2	1.4	.2							16.9	7.4
ESE	1.1	4.5	5.3	.6	.1							11.6	6.9
SE	1.0	2.8	3.9	1.9								9.6	7.5
SSE	.5	2.8	2.6	.4	.1	.1						6.6	7.1
S	.5	3.2	4.4	1.0	.3							9.5	8.1
SSW	.4	1.4	1.2	1.4	.3							4.7	9.2
SW	.2	.8	1.9	1.0	.3	.1						4.3	10.0
WSW	.8	.9	1.8	2.0	.4	.1	.2					6.2	10.8
W	.2	1.3	1.9	1.3	.6							5.4	9.8
WNW	1.7	1.2	1.6	.2								4.0	6.2
NW	.2	.5	.3									1.1	5.3
NNW	.6	.6	.6	.1								2.0	5.5
VARBL													
CALM												3.8	
	9.3	31.3	40.0	12.9	2.5	.3	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18- STATION ANDERSEN AFB STATION NAME 74-83 YEARS AUG 1800-2000 MONTH (L.E.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	.8	.1								2.9	5.5
NNE	.8	.8	.4									1.9	4.5
NE	1.2	1.5	1.3	.2								4.0	5.6
NNE	.8	3.3	3.3	1.1	.1							8.6	7.2
E	2.2	6.5	6.0	.6								15.3	6.2
ESE	1.9	3.7	3.2	.8		.1						9.7	6.2
SE	.9	2.6	1.7	.9								6.0	6.7
SSE	.8	2.2	1.1	.4	.1							4.5	6.3
S	1.1	2.9	2.2	.9	.5	.1						7.6	7.6
SSW	1.1	1.5	1.7	.4	.1							4.8	6.6
SW	1.0	1.4	1.6	1.5	.2							5.7	8.3
WSW	1.7	1.7	1.1	.6	.3	.5		.1				6.1	8.9
W	1.1	2.3	.8	1.2	.4	.2						5.9	8.5
WNW	1.1	1.6	.4	.3	.1							3.5	5.7
NW	.9	.6	.2									1.7	3.9
NNW	.4	.6	.1	.2								1.4	5.5
VARBL													
CALM												10.2	
	16.9	39.7	25.9	9.2	1.9	1.0		.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

910180 ANDERSEN AFB 74-83 AUG
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.6									1.8	5.5
NNE	.2	.9	.6									1.7	5.9
NE	.9	1.5	1.5									3.9	5.6
ENE	1.2	2.9	3.5	.9								8.5	6.9
E	2.4	6.6	4.7	1.1	.1							14.8	6.3
ESE	1.9	4.7	2.8	.6								9.6	5.8
SE	1.2	2.7	2.8	.5								7.2	6.6
SSE	.5	1.4	1.3	.6	.1	.1						4.1	7.8
S	1.0	2.2	1.7	.9	.4	.2						6.3	8.2
SSW	1.6	2.2	1.5	1.3								6.6	6.7
SW	1.3	1.1	1.0	1.6	.3	.1						5.4	8.6
WSW	1.2	1.3	.6	1.1	.2	.2	.3					4.9	9.8
W	1.6	.8	.4	.6	.2							3.7	6.3
WNW	1.4	.6	.9	.2								3.1	5.2
NW	1.0	.5	.1									1.6	3.5
NNW	.9	.2										1.0	3.0
VARBL													
CALM												15.8	
	18.4	29.8	24.2	9.5	1.4	.6	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180 ANDERSEN AFB 78-83 AUG
STATION STATION NAME YEARS
ALL WEATHER ALL
CLASS MONTH (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	.8	.0			.0					2.6	5.8
NNE	.5	1.0	.6	.1								2.1	5.8
NE	.5	1.3	1.3	.3	.0							3.8	6.8
ENE	.9	2.4	2.6	.6	.0							6.5	6.9
E	1.7	5.2	6.9	1.4	.1							15.3	7.1
ESE	1.1	3.8	4.5	1.1	.0	.0						10.5	7.0
SE	.8	2.8	3.2	1.2	.0							8.0	7.3
SSE	.5	1.9	2.1	1.0	.1	.0						5.7	7.8
S	.8	2.3	2.9	1.4	.3	.1						7.9	8.3
SSW	.7	1.5	1.4	1.5	.2	.0						5.2	8.6
SW	.7	1.2	1.5	1.6	.3	.2						5.5	9.8
WSW	.9	1.0	1.0	1.4	.3	.2	.1	.0				5.0	10.3
W	1.1	1.5	1.2	1.1	.3	.1	.0					5.3	8.3
WNW	.7	.9	.8	.1	.0							2.6	5.7
NW	.5	.5	.2	.1								1.2	8.7
NNW	.4	.6	.3	.1								1.3	5.1
VARBL													
CALM												11.9	
	12.0	29.1	31.4	13.0	1.7	.7	.2	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18 STATION ANDERSEN AFB STATION NAME 73-82 YEARS SEP MONTHS 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	.2		.1							1.7	5.3
NNE	1.1	1.2	1.1	.2								3.7	5.7
NE	1.0	3.7	1.6									7.1	5.1
ENE	3.2	4.7	3.0	.3								11.3	5.3
E	2.2	4.3	8.1	.9	.1							15.7	6.8
ESE	.9	1.7	1.9									4.5	5.9
SE	.8	2.3	.9									4.0	5.5
SSE	.7	1.0	1.9	.1	.2							3.9	7.5
S	1.2	1.1	1.4	1.4		.2						5.5	8.3
SSW	1.0	2.3	2.1	.7	.2							6.4	7.2
SW	.8	1.2	1.0	.2	.2							3.5	6.6
WSW	.9	1.3	.6	.2	.1							3.1	5.7
W	1.1	1.0	1.2	.4	.1	.1						4.2	7.2
WNW	.7	1.4	1.4	.1	.2							3.9	6.8
NW	.8	.2	.3									1.3	4.6
NNW	.2	.2	.1									.6	4.2
VARBL													
CALM												20.0	
	17.8	28.9	27.0	4.7	1.3	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18 STATION ANDERSEN AFB STATION NAME 73-82 YEARS SEP
CLASS ALL WEATHER MONTH 0300-0500
CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	.4	.3	.2								2.2	4.9
NNE	.7	1.0	.6	.2								2.5	5.7
NE	1.9	4.9	1.6	.3								8.6	5.4
ENE	3.7	4.5	3.1	.4								11.0	5.5
E	2.1	4.7	4.3	1.0	.2							12.6	6.6
ESE	.7	2.2	2.5	.1								5.5	6.2
SE	.8	1.6	.9	.1								3.3	6.0
SSE	.4	1.1	.9	.6	.1							3.1	7.5
S	.4	1.6	1.7	1.0	.2	.1						5.2	8.8
SSW	.9	1.6	1.7	.9		.1						4.5	7.3
SW	1.1	2.0	1.4	.6	.1							5.2	6.3
WSW	.2	1.1	.7	1.1								3.7	7.7
W	1.3	.3	1.2	.9	.1							3.9	7.5
WNW	1.3	1.0	1.0	.7								4.0	6.3
NW	.4	.6	.4	.1								1.6	5.3
NNW	.6	.2	.1									.9	3.1
VARBL													
CALM												22.4	
	17.6	29.0	21.7	8.2	.8	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180
STATION

ANDERSEN AFB

STATION NAME

73-82

YEARS

SEP
MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	.3	.2								2.0	5.6
NNE	.9	1.7	.8	.3								2.9	6.1
NE	.6	1.7	2.1	.3	.1							5.2	6.5
ENE	2.7	5.7	3.7	.8	.1							12.5	6.2
E	1.2	6.6	6.7	.9								15.4	6.8
ESE	1.7	1.7	2.1	.4	.1							5.7	6.4
SE	.3	2.2	1.3	.3								4.2	6.3
SSE	.7	1.3	.4	.4	.2	.1						3.2	7.5
S	.7	1.6	1.3	1.2	.4							5.5	8.5
SSW	.2	1.3	1.9	1.5								5.5	8.2
SW	1.2	1.3	1.7	.6	.1							4.9	7.0
WSW	1.3	1.5	1.2	.4								4.5	6.1
W	.8	1.7	.7	1.0	.3	.1						3.9	6.8
WNW	.9	1.8	.4	.6								3.7	5.7
NW	.1	.0	.2	.1								1.3	5.7
NNW	.6	.4	.4	.1								1.6	5.7
VARBL													
CALM												18.2	
	14.2	31.2	25.4	9.3	1.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SL 120 ANDERSEN AFB 73-82 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
CROSS-SECTION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	1.0	.1								3.0	5.8
NNE	.3	3.0	1.8	.3								5.9	6.0
NE	.0	1.8	2.2	.2	.1							4.9	7.1
ENE	.0	3.1	4.7	1.2		.2						9.8	7.8
E	.4	7.5	10.9	2.1								20.9	7.6
ESE	1.0	4.0	4.0	.8	.1							9.9	6.8
SE	.2	2.7	3.3	1.4	.2							8.0	8.4
SSE	.4	1.1	2.1	.9								8.6	8.0
S	.3	1.1	2.6	1.6	.6							6.1	9.6
SSW	.4	.9	1.2	1.6	.1	.1						4.3	9.2
SW	.3	.7	.8	1.2	.1	.2						3.3	10.1
WSW	.4	1.2	.8	1.0		.3						3.8	9.1
W	.9	1.9	1.4	1.4	.6							6.2	8.8
WNW	.7	1.3	1.1	.6								3.2	7.2
NW	.1	.4	.1									1.0	5.3
NNW	.5	.8	.6	.3								2.2	6.8
VARBL													
CALM												2.8	
	7.7	33.3	38.6	14.8	1.8	.9						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91180 ANDERSEN AFB STATION NAME 73-82 YEARS SEP
MONTHS
ALL WEATHER
CLASS
CORDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	2.3	.2								5.9	6.3
NNE	.1	1.7	1.1	.2								3.1	6.7
NE	.1	1.2	1.4	.9	.1							3.8	8.4
ENE	.4	3.2	4.4	.7		.2						9.2	7.6
E	.6	7.1	12.6	2.0								22.2	7.7
ESE	.2	3.3	3.4	1.0		.1						8.1	7.5
SE	.2	2.9	5.6	2.3		.1						11.1	8.5
SSE	.6	1.2	2.8	1.2	.1							5.9	8.5
S	.1	.6	4.0	1.9	.2							6.8	9.8
SSW	.2	.1	1.7	2.1	.2							4.3	11.2
SW		.7	.8	.6	.6							2.6	10.9
WSW	.3	.4	.9	.6	.2	.1						2.6	9.6
W	.6	1.1	2.3	2.1	.6	.2						6.9	10.7
WNW	.1	.9	1.1	.6								2.7	7.8
NW	.1	.4	.2	.2								1.2	7.4
NNW	.1	1.1	1.0	.3								2.6	7.3
VARBL													
CALM												1.6	
	4.1	29.1	45.7	16.9	2.0	.8						170.0	8.2

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

01-15 STATION ANDERSEN AFB STATION NAME 73-82 YEARS SEP
MONTH 1500-1700
CLAS 0000 (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	1.7									5.0	5.7
NNE	.2	3.1	2.4	.1								5.9	6.1
NE	.2	2.2	1.8	.2								4.2	6.8
ENE	.4	4.0	5.2	.9								10.6	7.3
E	1.3	6.8	8.3	1.3	.2	.1						18.6	7.1
ESE	.6	4.8	3.3	.3								9.0	6.8
SE	.9	3.0	3.2	.4								7.6	6.6
SSE	.7	1.2	2.2	1.0	.1	.1						5.0	9.1
S	.6	1.2	3.8	1.9	.1							7.6	8.9
SSW		.6	1.9	2.0								4.8	10.3
SW	.6	.1	.6	.9	.2	.2						2.6	11.0
WSW	.4	.8	.8	.6	.2							2.8	8.2
W	.2	1.2	2.4	1.4	.7	.1						6.1	10.2
WNW	.2	.9	1.4	1.0	.3							3.9	9.5
NW		.8	.8	.1								1.7	6.9
NNW	.4	1.1	1.2	.2								2.8	6.3
VARBL													
CALM												2.9	
	7.6	34.2	40.9	12.8	1.9	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

912180 ANDERSEN AFB 73-82 SEP
STATION STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
SOURCE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	.8									2.7	5.3
NNE	.9	2.0	.6	.1								3.6	5.0
NE	1.1	3.4	2.2	.1								6.9	5.6
ENE	2.4	4.9	4.7	.4								12.4	6.0
E	3.4	5.7	7.1	.7								16.9	6.1
ESE	.9	3.1	2.2	.7	.1							7.2	6.3
SE	1.0	2.0	1.3	.3	.1							4.8	6.2
SSE	.4	1.0	1.6	.2	.2	.2						3.7	8.8
S	1.7	1.8	2.2	1.3								6.3	7.6
SSW	.7	2.1	1.2	1.7								5.7	7.9
SW	.4	1.4	.7	.6	.1							3.2	7.3
WSW	.1	1.3	.9	.4	.1	.1						3.0	8.5
W	.7	1.2	1.9	1.1	.6		.1					5.6	9.3
WNW	1.0	1.0	1.1	.1								3.2	5.7
NW	.9	1.1	.3	.1								2.4	4.9
NNW	1.1	1.3	.1									2.6	3.7
VARBL													
CALM												10.1	
	16.6	34.9	28.9	7.9	1.2	.3	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-180 STATION NAME ANDERSEN AFB 73-82 YEAR SEP
DATE
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.0										1.8	3.8
NNE	.9	1.9	1.0									3.3	5.5
NE	1.3	2.4	2.2	.4								6.4	6.1
ENE	2.7	5.0	4.2	.6								12.4	5.9
E	.9	6.1	6.0	1.0								14.0	6.8
ESE	1.3	3.2	3.4	.4								8.4	6.1
SE	.9	2.1	1.3	.1								4.4	5.7
SSE	.4	.8	1.3	.3								2.9	7.0
S	1.2	1.9	2.0	.7		.1	.1					6.0	7.5
SSW	.7	2.3	1.6	1.6			.1					6.2	8.0
SW	.8	1.6	.4	1.0								3.8	7.0
WSW	.1	1.1	.8	.2	.2							2.4	7.7
W	.8	1.7	1.0	1.2	.3							5.0	8.1
WNW	1.6	1.7	1.2	.1								4.6	5.1
NW	.6	.6	.1									1.2	8.0
NNW	.4	.7										1.1	3.4
VARBL													
CALM												15.9	
	14.9	34.0	24.7	7.7	.6	.1	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

912187
STATION

ANDERSEN AFB

STATION NAME

73-82

YEARS

SEP
DATE

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	.8	.1	.0							3.0	5.5
NNE	.6	1.9	1.2	.2	.0							3.9	5.9
NE	1.7	2.6	1.9	.3	.0							5.9	6.1
ENE	1.9	4.4	4.1	.7	.0	.1						11.1	6.9
E	1.6	6.1	8.0	1.2	.1	.0						17.0	7.0
ESE	.9	3.0	2.9	.5	.0	.0						7.3	6.5
SE	.7	2.4	2.2	.6	.0	.0						5.9	7.1
SSE	.5	1.1	1.7	.6	.1	.1						4.2	8.1
S	.7	1.3	2.4	1.4	.2	.1	.0					6.1	8.6
SSW	.6	1.4	1.6	1.5	.1	.0	.0					5.2	8.5
SW	.7	1.1	.9	.7	.2	.1						3.6	7.9
WSW	.6	1.1	.8	.6	.1	.1						3.2	7.7
W	.9	1.2	1.5	1.2	.4	.1	.0					5.2	9.0
WNW	.8	1.3	1.1	.5	.1							3.6	6.7
NW	.4	.7	.3	.1								1.4	5.8
NNW	.5	.7	.4	.1								1.8	5.5
VARBL													
CALM												11.7	
	12.6	31.8	31.9	10.2	1.9	.4	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

7189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91218 STATION ANDERSEN AFB 73-82 YEARS 867
STATION NAME
ALL WEATHER CLASS
0000-0200
TIME (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	.3	.2		.1						2.0	7.1
NNE	1.0	1.3	.6	.2	.2							3.3	6.8
NE	1.2	3.0	3.3									7.5	6.0
ENE	2.3	8.5	8.6	2.9	.1							22.8	7.2
E	2.3	6.6	6.9	3.3	.1	.2						19.8	7.5
ESE	.6	2.2	3.2	1.2	.1	.1	.1					7.5	6.8
SE	.9	1.8	1.5	1.0	.1							5.3	7.1
SSE	.5	1.5	1.7	1.5	.8							5.7	9.1
S	.6	.9	1.0	1.2	.2							3.9	8.9
SSW	.4	.8	1.0	1.0	.1							3.2	8.5
SW	.5	.9	.2	.1								1.7	8.8
WSW	.5	.3	.3	.4	.3							1.9	8.8
W	.9	.9	1.0	.3								3.0	6.3
WNW	.3	.2	.2	.2								1.0	6.2
NW	.4	.1		.1								.6	8.5
NNW		.2										.2	8.0
VARBL													
CALM												11.3	
	12.8	30.1	29.9	13.7	1.7	.8	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

912180
STATION

ANDERSEN AFB
STATION NAME

73-82
YEARS

0CT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	1.5	.6	.1								2.5	5.0
NNE	1.1	2.5	.9	.2								4.6	5.2
NE	.9	2.9	3.9	.4	.1	.2						8.4	7.5
ENE	1.7	8.0	6.9	2.0		.1		.1				18.8	7.2
E	2.4	5.6	7.6	2.7	.1	.1						18.5	7.4
ESE	.6	1.7	3.1	1.0		.1						6.6	7.7
SE	.1	2.7	1.4	1.1	.2	.1						4.9	9.0
SSE	.3	1.5	1.3	1.6	.4							5.2	9.8
S	.6	.9	1.2	1.4	.1							4.2	8.7
SSW	.5	.9	.8	.2	.2							2.6	7.6
SW	.2	.6	.5	.3								1.7	7.8
WSW	.8	.5	.5	.4								2.3	6.1
W	1.2	.3	1.4	.9	.2							4.0	7.7
WNW	.1	.1	.2	.1								.5	7.9
NW	.2	.2										.4	3.3
NNW	.1	.3	.1	.1								.6	6.5
VARB.													
CALM												14.2	
	11.1	29.6	30.4	12.6	1.4	.6		.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

91218 STATION ANDERSEN AFB STATION NAME 73-82 YEARS 267
ALL WEATHER CLASS 6600-0800
CONDITION 0000 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	.4									2.0	6.2
NNE	.5	2.4	1.3	.2								4.4	5.9
NE	.5	3.1	4.6	.8								9.0	7.3
ENE	1.0	6.7	8.0	2.6		.1						18.3	7.6
E	1.5	7.1	8.7	3.4	.2	.2		.1				21.3	7.9
ESE	.9	2.6	2.5	1.4		.1						7.8	7.8
SE	.3	1.7	1.7	2.2	.2			.1				6.2	9.9
SSE	.5	1.4	1.3	1.3	.4							8.9	8.9
S	.4	.9	1.2	1.1	.3							3.9	9.6
SSW	.8	1.0	.8	.3								2.8	6.3
SW	.4	.5	.8	.3	.2							2.3	7.8
WSW	.3	.5	.9		.1							1.8	7.1
W	.2	.3	.5	.6	.1	.1						1.9	10.1
WNW	.9	.3	1.0									1.7	6.2
NW	.3		.3	.1								.8	5.9
NNW	.1	.3	.1									.5	5.8
VARBL													
CALM												10.6	
	8.5	30.2	39.0	19.3	1.6	.5		.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91218 STATION ANDERSEN AFB STATION NAME 73-82 YEARS OCT
MONTH 0900-1100
HOURS (L.G.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	.9	.2								2.9	6.1
NNE	.2	3.1	2.7	.3								6.3	6.6
NE	.2	1.3	3.5	.6	.1							5.8	8.3
NNE	.1	2.3	8.7	4.7								15.8	9.5
E	.3	4.9	15.1	5.2	.1	.1						25.7	8.8
ESE	.5	3.7	4.5	2.3	.5							13.9	8.8
SE	.3	1.6	3.2	2.8	.4	.1		.1				8.6	10.2
SSE	.2	.8	2.4	.8	.4	.1		.1				4.7	10.5
S	.1	.2	2.8	1.6	.1							4.8	10.8
SSW	.2	.4	.8	.3								1.7	7.9
SW		.4	1.4	.6		.1						2.6	10.3
WSW	.3	.2	.8	.3	.2							1.8	9.4
W	.3	.4	.9	.5	.1	.2						2.5	9.7
WNW	.1	.2	.4	.2								1.0	7.4
NW	.1	.3	.2									.6	5.7
NNW	.3	.4	.1									.9	4.3
VARBL													
CALM												3.3	
	3.7	21.3	48.3	20.5	2.0	.6		.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180 STATION ANDERSEN AFB STATION NAME 73-82 YEARS OCT 1200-1800
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.2	.1	.1							3.3	6.4
NNE	.3	1.9	3.3	.4	.2							6.2	7.8
NE		1.8	4.4	1.3								7.5	8.8
ENE	.4	2.9	8.1	3.9		.1						15.4	9.2
E	.3	4.6	13.4	6.3	.1	.1						24.9	9.0
ESE	.5	2.7	3.5	2.9	.4							10.1	9.1
SE	.2	1.6	4.1	2.5	.4	.2						9.0	10.1
SSE		.0	2.2	1.3	.9	.3						5.5	11.7
S		.5	2.5	1.9		.1						5.1	10.0
SSW		.3	1.7	.6								2.7	9.5
SW	.2	.5	.3	.6								1.7	8.8
WSW		.4	.6	.8	.2							2.0	10.6
W	.1	.8	.6	.5	.2	.2						2.5	9.9
WNW	.4	.5	.9	.2								2.0	6.8
NW			.1									.1	10.0
NNW	.1	.9	.2									1.1	5.2
VARBL													
CALM												.8	
	3.2	21.7	47.2	23.8	2.6	1.1						170.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91218 STATION ANDERSEN AFB 73-82 YEARS 0CT
MONTHS
ALL WEATHER CLASS 1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.5	1.4	.3								8.8	6.1
NNE	.3	2.6	2.6	.6								6.1	6.9
NE	.1	2.5	4.3	1.5	.2	.1						8.7	8.5
NNE	.1	3.5	10.1	2.5		.1						16.3	8.3
E	.3	5.1	13.7	4.0	.2							23.2	8.7
ESE	.6	5.7	3.7	2.2	.1							8.6	8.2
SE	.7	1.7	3.2	1.3	.4							7.0	9.0
SSE	.2	1.0	1.8	1.0	.4	.1						4.5	10.0
S	.5	1.4	2.7	1.3	.2	.1						6.2	8.7
SSW	.7	.6	1.6	.6								3.1	8.9
SW		.6	.6	.4								1.7	8.6
WSW	.7		.3	.6	.1	.1						1.9	11.5
W	.3	.6	.9	.8								2.6	8.4
WNW		.5	.6	.2								1.5	7.7
NW	.2	.4		.1								.8	5.7
NNW	.2	.5	.2									1.2	5.1
VARB.													
CALM												2.4	
	4.4	26.3	47.2	17.4	1.7	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVIC /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4118 ANDERSEN AFB STATION NAME 73-82 YEARS DCT
CLASS ALL WEATHER 1800-2200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	.9	.3	.1							3.8	6.6
NNE	.1	1.7	.6	.4								2.9	6.9
NE	.5	3.8	4.1	.9								9.2	7.1
ENE	1.2	7.5	9.0	2.0	.1	.1						20.0	7.3
E	1.1	7.1	10.0	4.0		.3						22.5	8.1
ESE	.3	2.8	2.2	1.7								7.8	7.6
SE	.4	1.2	1.2	.9	.4							4.1	8.6
SSE	.5	1.1	1.0	1.2	.2							4.1	8.7
S	.2	1.2	2.1	1.4	.2	.1						5.3	9.7
SSW	.2	1.4	1.2	.4								3.3	7.3
SW	.5	1.0	.5									2.0	5.2
WSW	.6	1.2	.9		.1	.2						3.0	7.0
W	.6	.3	.6	.2	.1							1.9	7.1
WNW	.2	.5	.8									1.5	6.8
NW	.2	.4	.1									.9	3.9
NNW	.3	.5										.9	3.6
VARBL													
CALM												7.3	
	8.6	33.5	35.1	13.4	1.3	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91130 ANDERSEN AFB STATION NAME 73-82 YEARS DCI
ALL WEATHER 2100-2300
 CLASS HOURLY (L & T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	.9	.3	.1	.1						2.7	6.3
NNE	.8	1.4	.9	.4								3.3	5.4
NE	.5	4.4	4.0	.3								9.3	6.5
ENE	1.0	6.5	9.8	2.2								20.2	7.4
E	2.4	5.1	8.8	4.0	.3	.1	.2					23.9	8.1
ESE	.6	2.7	3.8	1.2			.1					8.4	7.9
SE	.1	1.0	1.1	1.7	.3							4.8	9.4
SSE	.7	1.2	1.1	1.7	.2							4.5	9.5
S	.7	2.0	1.1	1.2								5.1	7.5
SSW	.4	1.0	1.1	.9								3.3	7.9
SW	.6	.5	.2	.2								1.6	5.1
WSW	.2	.7	.5	.1	.3							2.2	6.3
W	.7	.5	.5	.6	.1							2.2	6.8
WNW	.6	.4	.3	.2								1.6	5.2
NW	.3											.3	2.7
NNW	.7	.1	.1									.5	4.2
VARBL													
CALM												9.5	
	10.1	29.3	34.1	15.1	1.4	.2	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SI 180 ANDERSEN AFB STATION NAME 73-82 YEARS 267
CLASS ALL HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	.8	.2	.0	.0						3.0	6.4
NNE	.5	2.1	1.6	.4	.1	.0						4.7	6.6
NE	.5	2.8	4.0	.7	.1	.0						8.2	7.4
ENE	1.7	5.7	8.6	2.8	.0	.1		.0				15.4	7.9
E	1.3	5.3	17.5	4.1	.1	.1	.0	.0				22.0	8.3
ESE	.7	2.5	3.2	1.7	.1	.0	.0					8.4	8.3
SE	.7	1.7	2.2	1.7	.3	.1	.0	.0				6.3	9.3
SSE	.7	1.2	1.6	1.3	.4	.1		.0				8.9	9.7
S	.4	1.0	1.8	1.4	.1	.7						8.8	9.2
SSW	.4	.8	1.1	.6	.0	.0						2.8	7.9
SW	.7	.6	.6	.3	.0	.0						1.9	7.4
WSW	.4	.5	.6	.3	.2	.0						2.0	8.4
W	.2	.5	.8	.6	.1	.1						2.6	8.3
WNW	.3	.4	.6	.1								1.4	6.6
NW	.2	.2	.1	.0								.6	4.8
NNW	.2	.4	.1	.0								.7	4.8
VARBL													
CALM												7.4	
	7.8	27.8	38.3	16.3	1.7	.6	.1	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9118 ANDERSEN AFB STATION NAME 73-82 YEARS NOV
MONTH 0000-0200
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.0	.4	.4								1.8	8.1
NNE	.1	.9	.8	.6								2.2	8.5
NE		1.7	5.1	2.1	.1							8.7	9.1
ENE	.7	6.2	15.0	9.0	.2							31.1	9.1
E	1.7	5.2	14.9	9.1	.3	.2						31.5	9.2
ESE	.9	1.4	2.6	2.7	.7	.1						7.7	9.4
SE	.1	1.7	1.4	1.3	.3	.1						5.0	9.4
SSE		.4	1.2	.6	.2	.2	.4	.1				3.2	14.4
S	.1	.3	.1	.1	.1	.2						1.5	12.4
SSW		.1	.2			.2						.6	14.2
SW		.2	.2	.4	.1	.1						1.1	11.8
WSW		.2	.1	.3								.7	9.3
W	.2		.2	.2								.7	8.2
WNW	.1	.1	.3	.1								.7	8.0
NW			.1									.1	12.0
NNW		.1	.2	.2								.6	10.2
VARBL													
CALM												3.4	
	3.2	19.1	43.7	26.6	2.1	1.2	.4	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51 180 STATION NAME ANDERSEN AFB YEARS 73-82 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.6	.7	.2							2.0	9.9
NNE	.1	.6	.8	.2								1.7	6.9
NE	.4	1.3	6.2	3.6								11.6	9.2
ENE	1.4	6.3	13.9	9.4	.2	.2	.1					31.7	9.0
E	1.2	5.3	14.7	7.6	.1	.1						28.8	8.9
ESE	.5	1.1	2.6	1.7	.6	.1	.1					6.7	10.2
SE	.7	1.3	1.7	1.1	.8	.1						5.3	8.8
SSE		.3	1.0	1.3	.2	.1	.1	.2				3.3	13.9
S		.3	.2	.4	.1	.2						1.3	12.9
SSW			.2			.1						.3	14.0
SW	.2	.2	.1	.3	.3	.1	.1					1.8	13.7
WSW	.2	.2										.8	3.8
W		.1	.1	.3								.6	10.2
WNW		.1		.1								.2	10.0
NW	.1		.2	.3								.7	9.7
NNW				.2								.2	15.0
VARBL													
CALM												3.8	
	9.8	17.9	42.2	27.3	2.2	1.1	.9	.2				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180 STATION ANDERSEN AFB 73-82 YEARS MOV
STATION NAME CLASS ALL WEATHER 0600-0800
CONDITION NOON (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.9	.7	.2							2.7	9.0
NNE	.1	.5	1.3	.1								2.1	7.7
NE		1.1	5.1	2.0	.3							8.6	9.5
ENE	.9	5.1	12.1	11.1	.4							29.6	9.5
E	.7	4.8	17.4	9.3	.7	.1						33.0	9.5
ESE	.4	2.3	2.9	2.0	.1	.3						8.1	8.9
SE		1.6	2.4	1.3	.7	.1						6.1	10.3
SSE	.1	.3	1.1	1.3		.2						3.1	11.1
S	.3	.3	.1		.1	.2	.1					1.2	11.3
SSW	.1	.2	.7									1.2	7.2
SW	.1		.1	.3	.4							1.0	15.0
WSW		.1	.1		.1							.3	10.0
W			.4	.1								.4	8.8
WNW		.1	.3									.4	8.5
NW				.3								.3	12.7
NNW			.1	.2								.3	16.7
VARBL													
CALM												1.6	
	2.8	17.3	45.2	28.9	3.1	1.2	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18 STATION ANDERSEN AFB 73-82 YEAR NOV DATE
0900-1100 HOURS (L.S.T.)
ALL WEATHER
CLAR
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		.6	.7	.9	.2							2.3	11.0
NNE	.2	.1	1.4	.9								2.7	9.2
NE		.6	5.7	3.0	.2							8.8	10.2
ENE		1.2	9.6	14.4	1.6							26.8	11.5
E		2.7	15.1	15.0	1.2	.2						33.6	10.9
ESE	.1	1.7	4.3	3.7	.3	.1	.2					10.7	10.5
SE	.1	1.4	2.4	1.9	.8	.3						7.0	11.0
SSE		.3	1.4	1.1			.1					3.0	11.1
S	.1	.1	.2	.2	.3	.1						1.1	14.1
SSW		.3	.2	.2								.8	8.0
SW			.3	.1	.4	.1						1.7	14.9
WSW		.1	.2	.6								.9	11.8
W			.7	.2								.6	9.8
WNW			.1	.3								.4	12.8
NW													
NNW		.1										.1	6.0
VARBL													
CALM												.3	
	.5	8.8	41.4	42.6	5.1	.9	.3					100.3	10.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

912180
STATION

ANDERSEN AFB
STATION NAME

73-82
YEAR

NOV
MONTH

ALL WEATHER
CLASS

1270-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.6	.8	.2							2.2	10.2
NNE		.9	1.8	.7								3.2	8.9
NE		.6	3.2	2.8	.4							7.2	10.5
ENE	.2	1.4	8.9	13.0	.7	.1						24.3	11.1
E	.1	2.3	16.9	16.9	1.7	.1						37.3	12.8
ESE	.2	1.7	4.7	4.0	.3	.1						11.2	12.1
SE		.6	2.3	2.6	.4		.1	.1				6.1	12.0
SSE		.4	.9	1.2	.3		.2	.1				3.2	13.2
S		.7	.3	.2		.1	.1					1.2	13.7
SSW			.3	.1	.2							.7	13.0
SW				.1	.3							.4	17.8
WSW			.1	.2								.9	13.1
W		.7	.2	.6								1.2	9.9
WNW		.1		.2	.1							.4	12.3
NW													
NNW		.2	.2	.1	.1							.7	10.2
VARBL													
CALM												.2	
	.6	9.4	47.4	44.0	4.2	.4	.4	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91218 STATION ANDERSEN AFB STATION NAME 73-82 YEARS MAY
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.3	.3	.1							1.7	8.0
NNE		.2	1.1	.9	.1							3.3	9.2
NE	.1	1.7	6.0	3.1	.1							10.3	9.7
ENE	.1	1.7	11.8	13.4	.7							27.7	10.6
E	.1	2.9	19.7	10.0	.3							32.9	9.7
ESE		2.1	4.6	3.3	.1							10.1	9.5
SE	.1	.9	1.7	2.1	.2		.1					5.0	10.7
SSE		.4	.8	1.0	.1	.1	.2		.1			2.8	13.7
S		.1	.4	.1	.1	.2	.1					1.3	15.8
SSW	.1	.1	.2	.1	.2							.8	10.3
SW		.2	.1	.2	.2	.1						.9	13.3
WSW	.1			.7								.8	11.7
W		.1	.6	.1								.8	8.9
WNW		.1	.1	.2								.8	10.0
NW		.1										.1	4.0
NNW		.4	.3		.4							1.2	10.5
VARBL													
CALM												.6	
	.7	11.8	47.7	35.6	2.8	.8	.8		.1			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-180 STATION NAME ANDERSEN AFB YEARS 73-82 MONTH NOV
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	.7	.1		.1	.1				2.1	12.3
NNE	.2	.7	1.7	.6								2.4	7.8
NE		2.3	6.0	2.7								11.0	8.7
ENE		4.7	14.7	17.3	.6	.1						30.3	9.6
E	.7	4.2	17.8	8.3	.3	.3						31.7	9.9
ESE	.7	1.6	3.6	1.6	.3	.2						7.9	9.1
SE	.1	1.1	1.7	1.6				.1				4.6	10.0
SSE	.1	.4	.6	1.7	.3	.2	.2	.1				3.0	14.6
S		.6	.2		.1	.2						1.1	10.8
SSW	.1		.2		.1							.4	8.8
SW			.1	.3	.1	.1						.7	14.7
WSW	.1	.2	.2	.3	.1							1.0	10.2
W	.1	.1	.1	.2								.6	8.0
WNW	.1	.3	.1	.1								.7	7.2
NW				.1								.1	14.0
NNW			.1	.2	.1							.4	13.5
VARBL													
CALM												2.0	
	2.2	16.8	46.9	28.0	2.2	1.2	.3	.3				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9118 ANDERSEN AFB STATION NAME 73-82 YEARS NOV
ALL WEATHER
CLASS
CONDITION

2100-2300
LOCAL (L.T.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.9	.2	.1							1.8	8.4
NNE	.1	.9	.3	.6								1.8	8.2
NE	.2	1.3	5.6	2.1								9.2	8.8
ENE	.2	6.6	14.9	10.0	.6							32.2	9.3
E	1.3	5.2	16.7	9.3	1.6	.2						34.3	9.6
ESE	1.1	1.4	2.7	1.1	.2	.2						6.1	8.6
SE		.6	1.6	1.6	.3	.3		.1				4.1	11.0
SSE		.6	.7	.6	.3	.2	.6					2.9	15.6
S		.6	.3		.1	.1						1.1	9.2
SSW				.1		.1						.2	18.0
SW		.7	.4	.4		.2						1.3	12.6
WSW	.1	.2		.1								.8	7.0
W			.2	.1								.3	11.0
WNW			.3	.2			.1					.7	14.2
NW			.1									.1	7.0
NNW		.1	.1	.2								.8	10.5
VARBL													
CALM												2.9	
	3.2	18.7	44.1	26.7	2.9	1.8	.7	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91-18 STATION ANDERSEN AFB 73-62 YEARS NOV
STATION NAME ALL WEATHER MONTH ALL
CLASS ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	.6	.6	.2		.0	.0				2.1	9.7
NNE	.1	.6	1.1	.6	.0							2.4	8.9
NE	.1	1.2	5.3	2.7	.2							9.4	9.4
ENE	.4	4.2	12.6	11.3	.6	.1	.0					29.2	9.9
E	.7	4.0	16.6	10.7	.7	.2						32.9	9.8
ESE	.0	1.7	3.4	2.4	.3	.2	.0					8.6	9.6
SE	.1	1.1	1.9	1.7	.4	.1	.0	.0				5.4	10.5
SSE	.0	.4	1.0	1.0	.2	.1	.2	.1	.0			3.1	13.4
S	.1	.3	.3	.1	.1	.2	.0					1.1	12.4
SSW	.0	.1	.3	.1	.1	.1						.6	10.6
SW	.0	.1	.2	.3	.3	.1	.0					1.2	13.8
WSW	.1	.1	.1	.3	.0							.7	10.2
W	.0	.1	.3	.2								.6	9.3
WNW	.0	.1	.2	.2	.0		.0					.5	10.3
NW	.0	.0	.1	.1								.2	10.1
NNW		.1	.1	.2	.1							.5	10.9
VARBL													
CALM												1.6	
	2.3	14.9	43.9	32.4	3.1	1.0	.8	.1	.0			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9111AC STATION ANDERSEN AFB STATION NAME 73-82 YEARS DEC
ALL WEATHER CLASS 0000-0700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.2	.3								1.3	9.3
NNE	.1	.3	1.0	.6	.1							2.2	9.6
NE	.1	.4	4.2	3.2	.6							10.5	9.8
ENE	.1	4.2	11.1	11.3	2.6	.5	.1					30.8	10.7
E	1.5	6.0	18.6	11.7	1.0							38.8	9.5
ESE	.2	2.8	4.0	2.0	.1							9.7	8.1
SE	.1	.2	.5	.5	.1							1.5	10.6
SSE	.1	.2	.2	.5	.2							1.3	11.3
S		.2	.3	.1								.6	9.3
SSW	.1											.1	2.0
SW	.1											.1	2.0
WSW	.1											.2	1.5
W													
WNW	.1											.1	3.0
NW													
NNW													
VARBL													
CALM												3.1	
	4.3	16.8	40.0	30.4	4.7	.5	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91 180 STATION ANDERSEN AFB STATION NAME 73-82 YEARS DEC
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2									.5	5.4
NNE		.4	1.9	1.5	.2							3.5	9.8
NE		1.7	4.1	3.8	.2							9.3	9.8
ENE	1.2	5.2	10.9	8.6	3.4	.2						29.2	10.5
E	2.5	5.6	18.6	13.7	.5	.2						40.4	9.3
ESE	.6	1.6	3.0	1.4	.2							6.9	8.2
SE	.3	.9	1.1	.6	.2							3.1	8.6
SSE		.7	.1	.1	.3							.8	12.3
S	.1	.1	.5	.1								.9	7.5
SSW													
SW	.2											.2	1.5
WSW													
W													
WNW	.1	.1		.1								.3	5.0
NW			.1									.1	5.0
NNW													
VARBL													
CALM												4.2	
	5.1	15.9	4.5	29.7	5.2	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 91-16 ANDERSEN AFB STATION NAME 73-82 YEARS DEC
CLASS ALL WEATHER 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.1	.1	.4	.2								1.1
NNE	.1	.2	1.1	.8	.1							2.7
NE	.2	1.7	4.3	3.7	.5							10.4
ENE	1.3	4.5	9.8	17.8	3.1	.4						30.2
E	.1	4.7	18.1	15.7	.9	.3						39.2
ESE		2.2	2.3	2.0	.1							6.6
SE	.1	1.3	1.1	.2								2.8
SSE	.1	.2	.3	.8	.3	.1						1.8
S	.1	.5	.1									.8
SSW		.1										.1
SW	.1											.1
WSW												
W												
WNW	.1											.1
NW		.1										.1
NNW		.1										.1
VARBL												
CALM												3.9
	2.3	15.4	37.4	34.1	5.1	.9						120.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 9118 STATION NAME ANDERSEN AFB YEARS 73-82 MONTH DEC
CLASS ALL WEATHER HOURS (LST) 1900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.3								1.3	8.2
NNE	.2	.5	1.4	1.2	.1							3.7	9.6
NE		1.2	3.5	3.2	.3							8.2	15.5
ENE		1.4	8.3	14.5	3.1	.9						26.2	12.5
E	.7	2.5	13.9	29.1	2.5	.3						42.6	11.4
ESE	.3	1.7	4.1	3.5	.3							10.2	9.5
SE	.3	1.3	1.5	1.3								4.4	6.2
SSE	.1	.3	.8	.3	.2							1.7	15.1
S			.4	.1								.5	9.4
SSW			.1									.1	7.2
SW													
WSW													
W													
WNW													
NW		.1										.2	5.3
NNW	.7	.1										.3	3.3
VARBL													
CALM												.4	
	1.5	9.9	35.8	44.6	6.6	1.2						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41-180 A DER EN AFB STATION NAME 73-82 YEARS 256
CLASS ALL WEATHER HOURS (LST) 1230-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	.4	.6								1.9	8.1
NNE	.1	.8	1.9	1.1								3.8	9.0
NE		.13	3.2	4.8	.6	.2						9.8	11.8
ENE		1.0	1.0	11.7	3.3	.5	.1					24.7	12.6
E	.1	2.7	17.3	19.6	2.4	.1						42.8	11.2
ESE		1.4	5.3	3.1	.2							10.0	9.8
SE		.6	2.2	1.2								4.3	8.8
SSE			.6	.8								1.7	10.5
S			.5									.5	8.4
SSW		.1										.1	4.0
SW		.1										.1	6.0
WSW													
W													
WNW			.1									.1	7.0
NW													
NNW		.1	.1									.2	6.0
VARBL													
CALM												.3	
	.5	8.7	39.7	43.5	6.6	.9	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

9116
STATION

ANDERSEN AFB

STATION NAME

73-62

YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	.3	.4	.4	.3								1.3
NNE		.2	1.9	.6	.1							1.4
NE		1.5	5.6	3.3	1.7	.1						11.5
ENE		1.5	12.3	11.9	4.2	.5						30.6
E	.5	2.7	17.2	16.6	1.1							38.3
ESE	.4	.5	4.6	1.8								7.6
SE	.2	.7	1.9	.8	.2							4.2
SSE	.1		.8	.5	.1							1.5
S		.7	.4									.5
SSW		.1										.1
SW												
WSW												
W	.7											.2
WNW												
NW												
NNW		.2	.1									.3
VARBL												
CALM												.1
	1.0	9.6	45.3	35.9	6.7	.6						100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 51 180 ANDERSEN AFB STATION NAME 73-82 YEARS DEC
ALL WEATHER
CLIM
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.4									1.1	5.8
NNE		.2	.6	.9								1.7	11.2
NE	.2	1.7	5.6	1.8	.4	.1						9.9	9.3
ENE	.8	4.7	14.2	12.6	3.5	1.1						34.2	11.0
E	1.7	5.2	17.5	13.8	1.1	.1						38.9	9.9
ESE	.7	2.3	3.4	2.3								6.2	8.8
SE		.9	1.7	.3	.1							2.3	8.3
SSE		.1		.5								.6	12.0
S	.7	.5	.3									1.2	8.9
SSW	.7	.3										.4	3.8
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.5	
	1.1	15.6	43.1	30.2	5.2	1.3						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

91180 STATION ANDERSEN AFB STATION NAME 73-82 YEARS DEC
ALL WEATHER CLASS 2107-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.2								.8	9.3
NNE	.7	.4	.6	.4								1.7	8.3
NE		1.6	4.6	1.7	.5							8.5	9.6
ENE	.6	3.9	15.4	9.0	3.5	.6	.1					33.2	10.8
E	1.5	5.4	18.7	13.8	1.9							41.8	10.0
ESE	.1	1.0	5.1	1.3								8.3	8.3
SE		.5	.6	.4	.3							1.9	10.4
SSE		.3	.3	.3	.2							1.2	10.8
S	.2	.1	.1									.5	4.6
SSW	.2											.2	2.5
SW	.1											.1	3.0
WSW	.1											.1	3.0
W	.1	.1										.2	4.0
WNW													
NW													
NNW													
VARBL													
CALM												1.8	
	2.4	14.5	45.7	27.2	6.6	.6	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51 16 ANDERSEN AFB STATION NAME 73-82 YEARS DEC 1974
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.3								1.1	7.8
NNE	.1	.5	1.3	.8	.1							2.8	9.4
NE	.1	1.6	4.4	3.2	.5	.1						9.8	10.1
ENE	.5	3.3	11.2	11.1	3.4	.6	.0					10.2	11.3
E	1.7	4.3	17.6	15.6	1.4	.1						40.0	10.3
ESE	.3	1.6	4.7	2.2	.1							8.4	8.9
SE	.2	.8	1.2	.7	.1							3.0	8.6
SSE	.1	.2	.4	.5	.2	.0						1.3	11.2
S	.1	.2	.3	.0								.7	6.9
SSW	.1	.1	.0									.1	4.0
SW	.1	.0										.1	2.7
WSW	.0											.0	2.0
W	.0	.0										.1	3.0
WNW	.0	.0	.0	.0								.1	5.2
NW	.0	.0	.0									.1	5.5
NNW	.0	.1	.0									.1	4.6
VARBL													
CALM												1.9	
	2.9	13.3	45.9	34.3	5.8	.8	.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 7480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51018 ANDERSEN AFB STATION NAME 73-83 YEARS ALL
 CLAS ALL WEATHER CLAS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.5	.2	.0	.0	.0	.0				1.6	2.1
NNE	.3	.8	1.0	.7	.1	.0	.0					2.6	8.3
NE	.4	1.6	3.8	3.1	.3	.0	.0	.0				9.3	9.6
ENE	.8	3.9	9.7	7.6	.8	.1	.0	.0	.0	.0		22.9	9.7
E	1.1	5.6	15.5	9.0	.4	.0	.0	.0				31.7	9.2
ESE	.6	2.5	4.4	2.7	.1	.0	.0			.0	.0	9.6	6.3
SE	.3	1.3	2.1	1.0	.1	.0	.0	.0				4.9	6.4
SSE	.2	.7	1.0	.6	.1	.0	.0	.0	.0			2.8	8.9
S	.3	.7	1.0	.5	.1	.0	.0			.0	.0	2.6	8.7
SSW	.2	.5	.5	.4	.0	.0	.0	.0		.0	.0	1.6	8.5
SW	.2	.4	.4	.3	.1	.0	.0			.0		1.4	8.5
WSW	.2	.3	.3	.3	.1	.0	.0	.0				1.2	8.9
W	.2	.3	.4	.3	.1	.0	.0					1.4	8.6
WNW	.2	.2	.3	.1	.0		.0					.8	6.6
NW	.1	.2	.1	.0								.4	5.5
NNW	.1	.2	.1	.1	.0							.5	6.1
VARBL													
CALM												4.6	
	5.5	19.9	41.1	24.2	2.2	.4	.1	.0	.0	.0	.0	100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 87632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 51110 ANDERSEN AFB STATION NAME 73-83 YEARS ALL
INSTRUMENT ALL
CLASS ALL
CONDITION ALL
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.5	1.1	.2	.1	.1					2.5	11.4
NNE	.1	.4	1.4	2.3	.5	.2						4.9	12.3
NE	.1	.7	1.9	4.6	1.4	.6	.2	.1				9.7	13.7
ENE	.1	.5	3.4	6.6	2.4	.5	.1	.0	.2			13.8	13.3
E	.4	2.7	6.5	7.5	1.9	.4	.1	.0				18.8	11.5
ESE	.2	1.9	3.6	3.8	.6	.4	.1					10.6	11.1
SE	.2	1.0	2.4	3.1	1.3	.3	.1	.1				8.4	12.4
SSE	.1	.5	1.7	2.6	1.2	.4	.4	.2	.0			7.0	15.0
S	.2	.5	2.7	2.8	.8	.4	.1					7.6	12.3
SSW	.2	.5	.6	1.1	.3	.2	.1	.2				3.1	13.5
SW	.1	.3	.5	.7	.5	.5	.0					2.6	14.3
WSW	.1	.2	.5	1.2	.5	.4	.2	.1				3.3	16.1
W	.2	.1	.6	1.7	.7	.3	.1					3.5	14.6
WNW	.1	.2	.3	.6	.1		.0					1.1	12.1
NW	.2	.2	.3	.2								.7	8.9
NNW	.2	.1	.2	.3	.1							.8	11.5
VARBL													
CALM												1.8	
	2.4	9.3	27.3	40.2	12.5	4.5	1.5	.7	.1			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 3282

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500									97.4							98.1
N 400																
N 300																
N 200																
N 100																
N 0					95.4		96.9		98.3							100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1167
STATION

ANDREWS AFB

STATION NAME

74-63

YEAR

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

222-2220

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
≥20000	2.5	1.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥18000	2.5	3.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥16000	2.5	3.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥14000	2.5	3.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥12000	2.5	4.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥10000	2.5	6.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥8000	2.5	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥6000	2.5	2.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥4000	2.5	5.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥2000	2.5	6.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥1000	2.5	7.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥500	2.5	7.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥400	2.5	7.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥300	2.5	8.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥200	2.5	8.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥150	2.5	1.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥100	2.5	1.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥75	2.5	1.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥50	2.5	1.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥25	2.5	2.9	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥15	2.5	4.4	94.7	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥10	2.5	5.6	96.2	97.1	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥7.5	2.5	5.6	96.2	97.1	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥5	2.5	5.7	96.5	97.3	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥2.5	2.5	5.8	96.7	97.5	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1.5	2.5	5.9	96.8	97.6	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1	2.5	6.1	97.0	98.1	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0.5	2.5	6.1	97.0	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥0.25	2.5	6.1	97.0	98.3	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0.1	2.5	6.1	97.0	98.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0.05	2.5	6.1	97.0	98.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0.025	2.5	6.1	97.0	98.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 11100 AND R 111 AFB STATION NAME 74-87 DATE JAN 1950

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

700-5500

		VISIBILITY - STATUTE MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1.6	5.7	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
1.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1.6	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
1.6	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
1.6	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
1.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
1.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
1.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
1.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
1.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1.6	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
1.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1.6	94.6	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1.6	95.9	96.1	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1.6	96.0	96.7	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1.6	96.8	96.8	96.8	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1.6	96.9	96.9	96.9	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1.6	97.2	97.2	98.2	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1.6	97.3	98.3	98.3	98.3	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	97.3	98.3	98.3	98.3	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	97.4	98.4	98.4	98.4	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.6	98.4	98.4	98.4	98.4	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MA.

CEILING VERSUS VISIBILITY

1.12

ANDERSON AFB

STATION NAME

4-67

YEAR

1A

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1200

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	3.3	4.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
18000	3.4	5.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
16000	3.4	5.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
14000	3.4	5.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
12000	3.4	7.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
10000	3.4	7.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
8000	3.5	5.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
6000	3.5	5.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
4000	3.5	5.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2000	3.5	1.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1000	3.5	1.4	91.6	1.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
500	3.5	1.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
400	3.5	1.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
300	3.5	2.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
200	3.5	3.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
100	3.5	3.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
50	3.5	4.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
20	3.5	4.8	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
10	3.5	4.8	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5	3.5	5.4	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2	3.5	5.9	96.3	96.6	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1	3.5	6.9	97.4	97.8	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
0	3.5	6.9	97.5	98.0	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	3.5	6.9	97.5	98.0	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0	3.5	6.9	97.5	98.0	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	3.5	7.1	97.7	98.2	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	3.5	7.1	97.7	98.2	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	3.5	7.1	97.7	98.2	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	3.5	7.1	97.7	98.2	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	3.5	7.1	97.7	98.2	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 570

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 METEOROLOGICAL
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION ANDERSEN AFB

74-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1232-1472

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	3.7	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
900	3.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
800	3.7	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
700	3.7	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
600	3.7	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
500	3.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
400	3.7	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
300	3.7	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
200	3.7	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
100	3.7	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
0	3.7	89.8	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
1000	3.7	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
900	3.7	90.2	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
800	3.7	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
700	3.7	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
600	3.7	93.0	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
500	3.7	93.0	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
400	3.7	93.2	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
300	3.7	93.2	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
200	3.7	93.2	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
100	3.7	93.2	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0	3.7	93.2	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1000	3.7	94.4	94.8	94.8	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
900	3.7	94.8	95.4	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
800	3.7	95.4	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
700	3.7	96.0	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
600	3.7	96.0	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
500	3.7	96.1	96.8	96.8	96.8	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
400	3.7	96.2	96.9	96.9	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
300	3.7	96.6	97.3	97.3	97.3	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	3.7	96.7	97.6	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 187 ANDER AFB

74-87

150-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150-1700

CEILING FEET		VISIBILITY STATUTE MILES															
		210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	1000	3.2	4.7	64.2	64.6	64.8	64.8	64.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
900	900	3.7	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
800	800	3.7	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
700	700	3.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
600	600	3.7	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
500	500	3.7	76.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
400	400	4.1	4.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
300	300	4.1	5.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
200	200	4.1	8.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
100	100	4.1	85.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0	0	4.1	9.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1000	1000	4.1	11.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
900	900	4.1	3.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
800	800	4.1	3.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
700	700	4.1	4.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
600	600	4.1	4.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
500	500	4.1	4.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
400	400	4.1	4.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
300	300	4.1	4.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
200	200	4.1	5.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
100	100	4.1	6.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	0	4.1	6.6	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	1000	4.1	7.6	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
900	900	4.1	7.0	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
800	800	4.1	7.2	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
700	700	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
600	600	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	500	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
400	400	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
300	300	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	200	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
100	100	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0	0	4.1	7.2	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 970

CLIMATE CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 11 ANDERSEN AFB STATION NAME 74-87 YEAR JAN 1960

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥1/4	≥1/8	≥1/2	≥1/4	≥1/8	≥1/2	≥1/4	≥1/8
NO FEEING	3.1	2.6	62.6	62.6	62.6	62.6	62.6	5.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥20000	3.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥18000	3.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥16000	3.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥14000	3.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥12000	3.1	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥10000	4.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥9000	4.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥8000	4.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥7000	4.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥6000	4.0	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥5000	4.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥4500	4.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥4000	4.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥3500	4.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3000	4.0	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥2500	4.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2000	4.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1800	4.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1600	4.0	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥1400	4.0	95.7	96.5	96.7	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1200	4.0	96.6	97.4	97.6	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1000	4.0	96.6	97.4	97.6	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥900	4.0	96.7	97.5	97.7	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	4.0	96.8	97.6	97.8	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥700	4.0	96.9	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	4.0	97.0	98.2	98.7	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 12
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 0-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	2.4	1.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	3.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	3.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	3.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	3.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	3.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	3.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	3.4	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	3.4	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	3.4	87.8	88.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	3.4	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	3.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	3.4	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	3.4	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	3.4	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	3.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	3.4	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	3.4	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	3.4	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1600	3.4	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1400	3.4	95.3	96.5	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	3.4	96.3	97.6	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	3.4	96.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	3.4	96.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	3.4	96.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	3.4	96.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	3.4	96.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	3.4	96.9	98.5	98.9	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	3.4	97.1	98.7	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	3.4	97.1	98.7	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	3.4	97.1	98.7	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	3.4	97.1	98.7	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	3.4	97.1	98.7	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
118

ANDERSEN AFB

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0.001
NO CEILING	2.0	62.7	67.7	72.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥20000	3.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥18000	3.0	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥16000	3.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥14000	3.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥12000	3.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥10000	3.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥9000	3.1	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥8000	3.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥7000	3.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥6000	3.1	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥5000	3.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥4500	3.1	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥4000	3.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥3500	3.1	91.5	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥3000	3.1	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥2500	3.1	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥2000	3.1	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1800	3.1	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥1600	3.1	94.3	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1400	3.1	95.1	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1200	3.1	96.3	96.9	97.3	97.8	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥1000	3.1	96.3	96.9	97.3	97.8	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	3.1	96.4	97.2	97.6	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥800	3.1	96.5	97.3	97.7	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥700	3.1	96.6	97.4	97.9	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥600	3.1	96.7	97.7	98.2	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥500	3.1	96.8	97.8	98.3	99.0	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	3.1	96.8	97.8	98.3	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥300	3.1	96.8	97.8	98.3	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200	3.1	96.8	97.8	98.3	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥100	3.1	96.8	97.8	98.3	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7490

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

FEET

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-0200

HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	2.1	5.0	67.0	67.0	62.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	2.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	2.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	2.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 14000	2.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	2.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	2.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	2.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	2.1	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	2.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	2.1	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	2.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	2.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	2.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	2.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	2.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	2.1	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	2.1	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	2.1	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	2.1	94.1	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	2.1	95.1	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	2.1	96.1	96.9	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	2.1	96.1	96.9	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	2.1	96.3	97.3	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	2.1	96.3	97.3	98.2	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	2.1	96.6	97.5	98.5	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	2.1	96.7	97.6	98.7	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	2.1	96.8	97.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	2.1	96.8	97.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.1	96.8	97.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.1	96.8	97.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.1	96.8	97.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

896

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

FFP
MACC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

322-7522

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	2.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	3.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	3.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	3.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	3.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	3.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	3.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	3.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	3.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	3.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	3.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	3.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	3.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	3.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	3.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	3.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	3.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	3.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	3.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	3.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	3.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	3.2	94.8	96.2	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	3.2	94.8	96.3	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	3.2	94.8	96.3	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	3.2	94.9	96.5	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	3.2	95.0	96.6	97.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	3.2	95.0	96.6	97.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	3.2	95.3	96.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	3.2	95.3	97.0	98.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	3.2	95.3	97.0	98.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	3.2	95.3	97.0	98.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	3.2	95.3	97.0	98.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 896

CLIMATE CLIMATOLOGY BRANCH
ETAC
A. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

118 STATION ANDERSEN AFB STATION NAME

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0000

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0.00
NO CEILING	2.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	2.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	2.7	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	2.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	2.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	2.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	2.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	2.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	2.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	2.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	2.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	2.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	2.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	2.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	2.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	2.7	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	2.7	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	2.7	92.2	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	2.7	92.2	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	2.7	93.4	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	2.7	94.3	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	2.7	95.4	96.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	2.7	95.4	96.6	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	2.7	95.6	96.8	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	2.7	95.9	97.0	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	2.7	95.9	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	2.7	96.0	97.3	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	2.7	96.1	97.4	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	2.7	96.2	97.5	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	2.7	96.3	97.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	2.7	96.3	97.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	2.7	96.3	97.6	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41 19
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

977-1170

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. CEILING	3.	5.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
1-20000	3.	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2-18000	3.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
3-16000	3.0	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
4-14000	3.	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
5-12000	3.	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
6-10000	3.	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
7-9000	3.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
8-8000	3.0	87.9	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
9-7000	3.	87.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
10-6000	3.	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
11-5000	3.	89.8	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
12-4500	3.0	90.2	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
13-4000	3.0	90.4	90.4	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
14-3500	3.	91.0	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
15-3000	3.	92.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
16-2500	3.	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
17-2000	3.0	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
18-1800	3.0	93.3	93.3	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
19-1600	3.0	95.2	95.4	96.3	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
20-1400	3.	96.0	96.2	97.3	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
21-1200	3.	96.6	96.6	98.0	98.1	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
22-1000	3.0	96.6	96.8	98.0	98.1	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
23-900	3.0	96.6	97.0	98.2	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
24-800	3.0	97.2	97.4	98.6	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
25-700	3.	97.2	97.4	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
26-600	3.	97.3	97.5	98.7	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
27-500	3.0	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
28-400	3.0	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
29-300	3.0	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
30-200	3.0	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
31-100	3.	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
32-00	3.	97.3	97.5	98.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1113
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

FEB

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	3.4	1.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥20000	3.4	4.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥18000	3.4	4.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥16000	3.4	5.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥14000	3.4	6.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥12000	3.5	7.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥10000	3.7	8.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥9000	3.7	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥8000	3.7	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥7000	3.7	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥6000	3.7	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥5000	3.7	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥4500	3.7	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥4000	3.7	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥3500	3.7	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥3000	3.7	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥2500	3.7	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥2000	3.7	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1500	3.7	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1000	3.7	95.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥750	3.7	96.3	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥600	3.7	96.6	97.4	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥450	3.7	96.7	97.5	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥300	3.7	96.7	97.6	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥150	3.7	96.7	97.6	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥75	3.7	96.7	97.6	97.9	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥40	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥20	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥10	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥5	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥2.5	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1.5	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.75	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.5	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.25	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.15	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.1	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.05	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.025	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0.01	3.7	96.7	97.6	97.9	98.0	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 886

LOCAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 15 ANDERSEN AFB STATION NAME

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-9-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	3.2	5.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
≥20000	3.4	5.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥18000	3.4	5.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥16000	3.4	5.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥14000	3.4	7.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥12000	3.4	7.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥10000	4.1	2.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥8000	4.1	2.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥6000	4.3	7.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥4000	4.3	7.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥3000	4.3	8.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥2000	4.3	8.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥1500	4.3	8.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥1000	4.3	9.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥750	4.3	9.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥500	4.3	9.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥250	4.3	9.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥100	4.3	9.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥75	4.3	9.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥50	4.4	9.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥25	4.4	9.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥15	4.4	9.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥10	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥7.5	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥5	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥2.5	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1.5	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.5	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.25	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.1	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.05	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.025	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.01	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥0.005	4.4	9.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 596

CENTRAL CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.1
STATION

ANDERSEN AFB

74-87

REF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	3.1	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥27000	3.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥18000	3.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥16000	3.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥14000	3.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥12000	3.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥10000	3.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥9000	3.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥8000	3.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥7000	3.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥6000	3.4	89.8	9.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥5000	3.4	9.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥4500	3.4	90.3	90.7	9.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥4000	3.4	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥3500	3.4	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥3000	3.4	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥2500	3.4	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2000	3.4	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1800	3.4	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1600	3.4	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥1400	3.4	96.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	3.4	97.2	98.1	98.5	98.7	98.7	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥1000	3.4	97.2	98.1	98.5	98.7	98.7	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥900	3.4	97.2	98.2	98.7	98.9	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥800	3.4	97.2	98.3	98.8	99.1	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥700	3.4	97.2	98.3	98.9	99.2	99.2	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥600	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥500	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥400	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥300	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥200	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥100	3.4	97.2	98.3	98.9	99.3	99.3	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L. J. CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-10 ANDERSEN AFB

74-67

FLP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

21-2-2320

CEILING FEET	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
20000	2.2	3.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
18000	2.	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
16000	2.	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
14000	2.	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
12000	2.	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
10000	2.6	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
9000	2.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
8000	2.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
7000	2.6	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
6000	2.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
5000	2.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
4500	2.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
4000	2.6	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
3500	2.6	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
3000	2.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2500	2.6	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
2000	2.6	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1800	2.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1600	2.6	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1400	2.6	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1200	2.6	96.9	97.6	98.	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	2.6	96.9	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	2.6	97.0	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
600	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
500	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
400	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
300	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
100	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	2.6	97.2	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 246

CEILING VERSUS VISIBILITY

'4-5'

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

555

1-2

[illegible]TOTAL NUMBER OF OBSERVATIONS 6768

USAF ETAC 0-14.5 JUL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.10 ANDERSON AFB

STATION NAME

74-20

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-0000

CEILING FEET	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1000	1.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
900	2.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
800	2.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
700	2.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
600	2.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
500	2.2	77.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
400	2.4	1.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
300	2.4	1.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
200	2.4	7.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
100	2.4	8.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
000	2.4	8.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
900	2.4	9.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
800	2.4	10.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
700	2.4	2.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
600	2.4	5.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
500	2.4	3.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
400	2.4	3.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
300	2.4	3.4	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
200	2.4	3.4	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
100	2.4	4.4	94.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
000	2.4	6.5	97.1	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
900	2.4	6.5	97.6	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
800	2.4	6.3	98.0	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
700	2.4	6.8	98.0	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
600	2.4	6.8	98.0	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
500	2.4	7.1	98.3	98.7	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
400	2.4	7.1	98.4	98.8	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
300	2.4	7.1	98.4	98.8	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
200	2.4	7.2	98.5	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
100	2.4	7.2	98.5	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 AF ETAC
 AF FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.16 ANDERSEN AFB STATION NAME

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

300-9500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
1.0000	1.0	61.5	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
2.0000	1.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
3.0000	1.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
4.0000	1.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
5.0000	1.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
6.0000	1.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
7.0000	1.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
8.0000	1.0	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
9.0000	1.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
10.0000	1.0	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
11.0000	1.0	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
12.0000	1.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
13.0000	1.0	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
14.0000	1.0	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
15.0000	1.0	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
16.0000	1.0	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
17.0000	1.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
18.0000	1.0	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
19.0000	1.0	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
20.0000	1.0	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
21.0000	1.0	95.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
22.0000	1.0	95.9	97.3	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
23.0000	1.0	95.9	97.3	97.7	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
24.0000	1.0	96.0	97.4	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
25.0000	1.0	96.1	97.7	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
26.0000	1.0	96.7	98.3	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
27.0000	1.0	96.7	98.4	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.0000	1.0	96.8	98.5	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
29.0000	1.0	96.8	98.5	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0000	1.0	96.8	98.5	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1115
STATION

ANDERSEN AFB

STATION NAME

74-87

YEAR

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

632-7800

CEILING FEET	VISIBILITY STATUTE MILES																		
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001	≥0.0005
≥10000	2.4	2.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥8000	2.4	2.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥6000	2.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥4000	2.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥3000	2.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥2000	2.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥1800	2.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥1600	2.4	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥1400	2.4	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥1200	2.4	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥1000	2.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥900	2.4	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥800	2.4	86.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥700	2.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥600	2.4	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥500	2.4	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥450	2.4	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥400	2.4	91.6	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥350	2.4	93.2	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥300	2.4	93.5	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥250	2.4	94.8	96.2	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥200	2.4	94.8	96.2	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥180	2.4	95.3	96.7	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥160	2.4	95.3	96.7	97.2	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥140	2.4	95.6	97.0	97.5	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥120	2.4	95.9	97.3	97.8	98.7	98.9	99.0	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥100	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥80	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥60	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥40	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥20	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥10	2.4	95.9	97.5	98.1	98.9	99.1	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME ANDERSEN AFB

74-63

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 20000	2.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	2.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	2.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	2.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	2.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	2.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	2.0	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	2.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	2.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	2.0	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	2.0	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	2.0	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	2.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	2.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	2.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	2.0	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	2.0	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	2.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	2.0	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	2.0	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	2.0	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	2.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	2.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	2.0	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	2.0	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	2.0	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	2.0	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 50	2.0	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 20	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 10	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	2.0	97.3	97.3	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
#1 18

ANDERSEN AFB

74-83

MAP
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-7-1976

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	2.7	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥20000	2.7	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥18000	2.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥16000	2.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥14000	2.7	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥12000	2.7	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥10000	2.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥9000	2.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥8000	2.7	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥7000	2.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥6000	2.7	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥5000	2.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4500	2.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4000	2.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥3500	2.7	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥3000	2.7	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥2500	2.7	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥2000	2.7	93.5	93.7	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1800	2.7	93.9	94.0	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥1500	2.7	94.5	94.8	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1200	2.7	94.8	95.2	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1000	2.7	96.8	97.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	2.7	96.8	97.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥800	2.7	97.3	97.8	98.2	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥700	2.7	97.4	98.1	98.4	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	2.7	97.4	98.1	98.4	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500	2.7	97.5	98.2	98.5	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	2.7	97.5	98.3	98.6	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥300	2.7	97.5	98.3	98.6	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥200	2.7	97.5	98.3	98.6	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	2.7	97.5	98.3	98.6	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥50	2.7	97.5	98.3	98.6	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥20	2.7	97.5	98.3	98.6	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 530

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
A. S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

74-87

YEAR

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.00

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	2.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	2.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	2.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	2.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	2.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	2.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	2.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	2.7	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	2.7	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	2.7	90.5	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	2.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	2.7	91.5	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	2.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4000	2.7	92.9	93.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	2.7	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	2.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	2.7	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	2.7	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	2.7	94.7	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	2.7	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	2.7	96.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	2.7	96.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	2.7	97.1	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	2.7	97.7	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	2.7	97.3	97.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	2.7	97.4	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	2.7	97.6	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	2.7	97.7	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	2.7	97.7	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	2.7	97.7	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	2.7	97.7	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
11 18

ANDERSEN AFB

STATION NAME

74-83

YEAR

MAC
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-0-2000
18-0-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	1.	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	1.	77.	77.	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	1.	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	1.	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	1.	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	1.	79.	79.	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	2.0	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	2.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	2.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	2.0	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	2.0	89.8	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	2.0	91.3	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	2.0	91.7	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	2.0	92.8	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	2.0	92.8	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	2.0	93.4	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	2.0	93.4	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	2.0	93.9	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	2.0	94.0	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	2.0	94.3	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	2.0	95.3	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	2.0	96.6	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	2.0	96.6	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	2.0	97.2	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	2.0	97.2	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	2.0	97.2	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	2.0	97.4	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	2.0	97.4	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	2.0	97.4	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	2.0	97.5	98.2	98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	2.0	97.5	98.2	98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	2.0	97.5	98.2	98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

116
STATION

ANDERSEN AFB

STATION NAME

74-87

YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.2-2300
LOCAL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	1.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥20000	2.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥18000	2.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥16000	2.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥14000	2.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥12000	2.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥10000	2.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥9000	2.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥8000	2.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥7000	2.3	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥6000	2.3	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥5000	2.3	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥4500	2.3	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥4000	2.3	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥3500	2.3	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥3000	2.3	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥2500	2.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥2000	2.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1800	2.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1500	2.3	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1200	2.3	96.9	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	2.3	97.5	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥900	2.3	97.5	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800	2.3	97.5	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥700	2.3	97.5	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥600	2.3	97.5	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥500	2.3	97.7	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥400	2.3	97.7	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥300	2.3	97.7	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥200	2.3	97.8	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥100	2.3	97.8	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0	2.3	97.8	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 18
STATION

ANDERSEN AFB

STATION NAME

74-87

YEAR

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING	2.1	5.6	65.6	6.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	2.2	7.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	2.2	7.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	2.2	7.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	2.2	7.7	78.0	78.0	78.0	78.0	73.0	74.0	78.0	78.0	78.0	78.0	78.0	75.0	76.0	78.0
≥ 12000	2.2	7.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	2.4	8.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	2.4	8.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	2.4	8.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	2.4	8.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	2.4	8.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	2.4	8.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	2.4	8.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	2.4	8.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	2.4	9.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	2.4	9.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	2.4	9.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	2.4	9.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	2.4	9.6	94.3	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1600	2.4	9.5	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 1400	2.4	9.6	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1200	2.4	9.6	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1000	2.4	9.6	97.6	98.0	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	2.4	9.6	97.7	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	2.4	9.6	97.8	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	2.4	9.7	98.1	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	2.4	9.7	98.2	98.6	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 500	2.4	9.7	98.2	98.7	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	2.4	9.7	98.2	98.7	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	2.4	9.7	98.2	98.7	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	2.4	9.7	98.2	98.7	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	2.4	9.7	98.2	98.7	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7490

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH
METAC
A. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 12

ANDERSEN AFB

74-23

AP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	2.1	67.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
20000	2.1	3.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
18000	2.1	4.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
16000	2.1	4.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
14000	2.1	4.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
12000	2.1	4.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
10000	2.1	6.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
8000	2.1	6.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
6000	2.1	11.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	2.1	12.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
3000	2.1	12.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2000	2.1	13.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1800	2.1	13.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1600	2.1	14.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1400	2.1	14.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1200	2.1	14.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1000	2.1	14.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
800	2.1	14.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
600	2.1	15.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
400	2.1	16.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
200	2.1	17.0	97.9	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
100	2.1	17.0	97.9	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
50	2.1	17.1	98.0	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
25	2.1	17.4	98.3	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
12	2.1	17.4	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
6	2.1	17.4	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
3	2.1	17.4	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
1	2.1	17.4	98.6	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
 AFCEC/TAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION ANDERSEN AFB STATION NAME 74-83 DATE APR 1960
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	2.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
20000	3.1	4.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
18000	3.1	4.9	85.7	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
16000	3.1	4.9	85.7	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
14000	3.1	5.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
12000	3.1	5.9	86.7	86.0	86.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
10000	3.1	8.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
8000	3.1	8.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
6000	3.1	11.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	3.1	11.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3000	3.1	12.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
2000	3.1	13.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1500	3.1	13.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1000	3.1	13.3	94.7	94.0	94.0	94.0	94.7	94.0	94.7	94.0	94.7	94.0	94.7	94.0	94.7	94.0
800	3.1	14.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
600	3.1	14.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
400	3.1	14.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
300	3.1	15.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
200	3.1	15.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
150	3.1	15.9	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	3.1	16.6	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
80	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
60	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
40	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
30	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
15	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
10	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
8	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
4	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
3	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1	3.1	17.3	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.1 ANDRESEN AFB

74-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

500-0000

ELEVATION FEET	VISIBILITY STATISTICAL															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
2000	2.	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1800	2.	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1600	2.	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1400	2.	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
1200	2.	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1000	2.	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
800	2.	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
600	2.	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
400	2.	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
200	2.	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
0	2.	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2000	2.	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1800	2.	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1600	2.	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1400	2.	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200	2.	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1000	2.	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
800	2.	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
600	2.	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
400	2.	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
200	2.	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2000	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1800	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1600	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1400	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1200	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
800	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
400	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
200	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	2.	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 11 ANDERSEN AFB 74-87 100
 STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 100-1000

CEILING FEET	200	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
20000	1.4	1.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
18000	1.	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
16000	1.	4.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
14000	1.	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
12000	1.	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
10000	1.	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
8000	1.	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
6000	1.	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
4000	1.	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2000	1.	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0000	1.	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
4500	1.	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
4000	1.	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
3500	1.	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
3000	1.	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2500	1.	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2000	1.	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1500	1.	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1000	1.	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
500	1.	97.8	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	1.	97.8	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4500	1.	98.0	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
4000	1.	98.0	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
3500	1.	98.1	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3000	1.	98.1	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2500	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2000	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1500	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1000	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	1.	98.1	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 1000

CEILING VERSUS VISIBILITY

12-5-1400

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

4-2-2

AD:

1992-1993

TOTAL NUMBER OF OBSERVATIONS _____ 20

CENTRAL CLIMATOLOGY BRANCH
METEOROLOGICAL
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: ANDERSEN AFB YEAR: 74-87 APC: 1980-2-100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

		VISIBILITY - STATUTE MILES															
		≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
CEILING	≥1000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
CEILING	≥800	5.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
CEILING	≥600	5.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
CEILING	≥400	5.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
CEILING	≥200	6.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
CEILING	≥100	7.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
CEILING	≥50	1.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
CEILING	≥25	1.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
CEILING	≥15	1.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
CEILING	≥10	4.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
CEILING	≥5	5.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
CEILING	≥3	5.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
CEILING	≥2	5.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
CEILING	≥1.5	6.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
CEILING	≥1	6.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
CEILING	≥0.75	6.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
CEILING	≥0.5	6.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
CEILING	≥0.25	6.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
CEILING	≥0.1	7.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
CEILING	≥0.05	7.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
CEILING	≥0.025	8.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
CEILING	≥0.01	8.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
CEILING	≥0.005	8.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
CEILING	≥0.0025	8.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
CEILING	≥0.001	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.0005	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.00025	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.0001	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.00005	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.000025	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
CEILING	≥0.00001	8.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 500

USAF CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: ANDERSEN AFB

74-83

AFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2320

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥2000	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1800	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1600	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1400	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1200	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1000	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
800	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
600	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
400	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
200	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
100	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
50	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
25	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
10	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
5	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
0	.3	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 115 ANDERSEN AFB STATION NAME 74-87 YEAR APR 1964
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	1.5	1.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
20000	1.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
18000	1.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
16000	1.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
14000	1.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
12000	1.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
10000	1.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
9000	1.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
8000	1.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
7000	1.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
6000	1.7	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
5000	1.7	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
4500	1.7	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
4000	1.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
3500	1.7	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
3000	1.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2500	1.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2000	1.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1800	1.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1600	1.7	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1400	1.7	97.2	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	1.7	97.8	98.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	1.7	97.8	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
900	1.7	97.8	98.3	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	1.7	97.9	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	1.7	98.0	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	1.7	98.0	98.6	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	1.7	98.0	98.6	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
450	1.7	98.0	98.7	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	1.7	98.0	98.7	99.0	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
350	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	1.7	98.0	98.7	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7270

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 1c
STATION

ANDERSEN AFB

STATION NAME

74-02

YEAR

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

050-0.00
DAYS

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		76.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000		79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000		89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1600		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1400		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 50		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 18 ANDERSEN AFB

74-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2307-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1600	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1400	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 50	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 25	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 15	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

118
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
20000	66.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
218000	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
207000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
214000	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
21000	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
218000	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
219000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
218000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
218000	90.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
218000	91.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
218000	91.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
218000	91.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
218000	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
218000	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
218000	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
218000	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
218000	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
218000	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
218000	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
218000	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
218000	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
218000	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
218000	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
218000	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
218000	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
218000	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
218000	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
218000	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
218000	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
218000	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
218000	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

74-67

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9-7-1130

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
18000	.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
16000	.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
14000	.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
12000	.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
10000	.3	77.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
8000	.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
6000	.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
4000	.3	87.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2000	.3	87.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1000	.3	91.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
500	.3	91.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
400	.3	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
300	.3	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
200	.3	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
100	.3	93.5	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
50	.3	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
25	.3	94.3	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
10	.3	95.2	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
5	.3	96.8	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2	.3	96.8	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1	.3	97.1	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0.5	.3	97.3	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
0.25	.3	97.3	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
0.1	.3	97.3	98.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.05	.3	97.3	98.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.025	.3	97.3	98.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
0.01	.3	97.3	98.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-1-
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-1-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	.3	4.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
1-20000	.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2-18000	.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2-16000	.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2-14000	.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2-12000	.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2-10000	.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2-9000	.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2-8000	.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
2-7000	.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2-6000	.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2-5000	.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2-4500	.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2-4000	.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2-3500	.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2-3000	.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2-2500	.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2-2000	.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2-1800	.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2-1600	.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2-1400	.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2-1200	.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2-1000	.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
2-900	.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
2-800	.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2-700	.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2-600	.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2-500	.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2-400	.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2-300	.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2-200	.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
2-100	.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2-50	.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2-20	.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2-10	.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.16
STATION

ANDERSEN AFB

STATION NAME

74-63

YEAR

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.2-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000	.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	.6	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1600	.5	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1400	.6	95.4	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	.6	97.1	97.6	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 900	.6	97.3	97.8	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	.6	97.4	98.1	98.2	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	.6	97.5	98.2	98.3	98.3	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	.6	97.5	98.2	98.3	98.3	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	.6	97.5	98.2	98.3	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	.6	97.6	98.3	98.4	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	.6	97.6	98.3	98.4	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	.6	97.6	98.3	98.4	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	.6	97.6	98.3	98.4	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	.6	97.6	98.3	98.4	98.6	99.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME ANDERSON AFB

74-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-7-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	.3	6.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
9000	.3	6.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
8000	.3	1.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
7000	.3	1.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
6000	.3	.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
5000	.3	3.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
4000	.3	7.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
3000	.3	7.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2000	.3	8.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1000	.3	6.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
500	.3	6.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
400	.3	6.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
300	.3	2.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
200	.3	2.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
100	.3	2.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
50	.3	2.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
40	.3	3.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
30	.3	4.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
20	.3	4.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
10	.3	4.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5	.3	5.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	.3	6.1	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	.3	6.1	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	.3	6.3	97.1	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	.3	6.5	97.2	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
700	.3	6.7	97.5	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
600	.3	6.8	97.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	.3	6.9	97.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	.3	6.9	97.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	.1	6.9	97.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
200	.3	6.9	97.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100	.3	6.9	97.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 912

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1115 ANDERSEN AFB

74-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

ELEVATION (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
0-100	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6
101-200	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
201-300	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
301-400	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
401-500	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
501-600	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
601-700	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
701-800	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
801-900	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
901-1000	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1001-1100	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1101-1200	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1201-1300	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1301-1400	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1401-1500	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1501-1600	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1601-1700	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1701-1800	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1801-1900	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1901-2000	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2001-2100	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2101-2200	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2201-2300	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2301-2400	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2401-2500	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2501-2600	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2601-2700	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2701-2800	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2801-2900	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2901-3000	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3001-3100	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3101-3200	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3201-3300	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3301-3400	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3401-3500	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3501-3600	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3601-3700	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3701-3800	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3801-3900	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3901-4000	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4001-4100	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4101-4200	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4201-4300	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4301-4400	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4401-4500	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4501-4600	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4601-4700	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4701-4800	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4801-4900	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4901-5000	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATOLOGY BRANCH
ETAC
AIR CATHY P. SERVICE/MAC

CEILING VERSUS VISIBILITY

1.1 ANDERSEN AFB

11-57

11-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-57

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1000	7.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
900	7.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
800	7.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
700	6.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
600	6.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
500	6.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
400	5.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
300	4.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
200	4.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
100	3.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0	3.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1000	6.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
900	6.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
800	6.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
700	6.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
600	6.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
500	7.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
400	7.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	8.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	8.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
100	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	8.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

ANDERSEN AFB GUAM REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 16 JAN 84
USAFETAC/DS-84/002 SBI-AD-E850 507 F/G 4/2

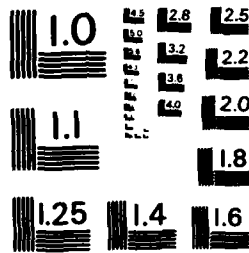
3/5

UNCLASSIFIED

16 JAN 84

F/G 4/2

NI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
FOOT

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 20000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 18000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 14000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 12000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 10000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 9000		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 8000		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 7000		93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 6000		93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 5000		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4500		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4000		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3500		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 3000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500		96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2000		96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800		96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500		97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200		97.9	98.2	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000		98.2	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900		98.2	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800		98.2	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0		98.3	98.9	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB
STATION NAME

74-83
YEAR

1111
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-000
FOOT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ .005	≥ 0
NO CEILING	.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 18000	.1	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 16000	.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 14000	.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 12000	.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 10000	.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 9000	.1	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 8000	.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 7000	.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 6000	.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 5000	.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4500	.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3500	.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3000	.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2500	.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	.1	98.2	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	.1	98.7	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	.1	98.7	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	.1	98.8	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91 18

ANDERSEN AFB

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING	.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
W 18000	.1	92.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
W 16000	.1	92.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
W 14000	.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
W 12000	.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
W 10000	.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
W 9000	.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
W 8000	.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
W 7000	.1	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
W 6000	.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
W 5000	.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
W 4500	.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
W 4000	.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
W 3500	.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
W 3000	.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
W 2500	.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
W 2000	.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
W 1800	.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
W 1500	.1	97.3	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
W 1200	.1	97.7	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
W 1000	.1	97.9	98.4	98.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
W 900	.1	97.9	98.4	98.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
W 800	.1	97.9	98.4	98.7	98.8	98.9	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
W 700	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 600	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 500	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 400	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 300	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 200	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 100	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
W 0	.1	98.0	98.6	98.8	98.9	99.0	99.2	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9118
 STATION

ANDERSEN AFB
 STATION NAME

74-83
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1800
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	51.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	96.3	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 1200	97.0	97.6	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1000	97.4	98.0	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 900	97.4	98.0	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
≥ 800	97.4	98.0	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 700	97.4	98.0	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.7
≥ 600	97.4	98.0	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.7
≥ 500	97.4	98.0	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.7
≥ 400	97.4	98.0	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.7
≥ 300	97.6	98.1	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 200	97.6	98.1	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100	97.6	98.1	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 0	97.6	98.1	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9118
STATION

ANDERSEN AFB
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 8000	.1	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000	.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	.1	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	.1	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	.1	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	.1	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	.1	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	.1	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	.1	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	.1	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.1	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	.1	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	.1	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	.1	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91 13
STATION

ANDERSEN AFB
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.5	≥.4	≥0
NO CEILING ≥ 20000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUN

2004

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000		78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000		79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000		79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000		80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000		85.9	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000		89.8	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000		89.8	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000		93.3	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000		93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000		94.3	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000		94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500		94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000		95.4	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500		95.4	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000		96.7	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500		96.9	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000		97.1	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		97.1	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		97.3	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		97.9	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		98.2	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		98.2	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		98.2	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		98.2	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		98.3	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		98.3	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		98.3	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		98.3	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		98.4	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		98.4	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		98.4	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM
JUL 84

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91-18

ANDERSEN AFB

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	.	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	.	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	.	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	.	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	.	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	.	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	.	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	.	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	.	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 7000	.	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000	.	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	.	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	.	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	.	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	.	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	.	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	.	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	.	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	.	97.1	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	.	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	.	97.9	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	.	98.2	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	.	98.2	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 800	.	98.3	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	.	98.3	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	.	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	.	98.3	98.9	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	.	98.3	98.9	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.	98.4	99.0	99.2	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	.	98.4	99.0	99.2	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	.	98.4	99.0	99.2	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	.	98.4	99.0	99.2	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0118
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	.1	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	.2	79.5	79.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	.2	88.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	.2	58.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	.2	71.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	.2	71.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	.2	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	.2	92.7	93.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	.2	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	.2	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	.1	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	.2	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	.2	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	.2	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	.2	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	.2	96.5	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	.2	96.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	.2	97.0	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	.2	97.0	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	.2	97.1	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	.2	97.1	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	.2	97.1	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.2	97.1	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.2	97.1	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.2	97.1	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.2	97.1	99.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.2	97.1	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.2	97.1	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .4	≥ .3	≥ .16	≥ .1	≥ 0
NO CEILING		55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000		72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000		73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 16000		73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000		74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 12000		81.2	87.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000		86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000		87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000		91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000		91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 6000		92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 5000		92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 4500		92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000		93.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3500		93.8	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3000		94.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500		94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000		94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800		94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500		95.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200		96.1	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000		96.8	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900		96.8	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		96.8	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
0118

ANDERSEN AFB

STATION NAME

74-83

YEARS

MONTH
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-2800

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	.3	5.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
18000	.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
16000	.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
14000	.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
12000	.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
10000	.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
9000	.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8000	.3	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
7000	.3	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
6000	.3	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
5000	.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4500	.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4000	.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3500	.3	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
3000	.3	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2500	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2000	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1800	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1500	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1200	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1000	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
900	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
800	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
700	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
600	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
500	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
400	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
300	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
200	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
100	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
0	.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1115 ANDERSEN AFB

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	1.1	14.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	1.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	1.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	1.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	1.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	1.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	1.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	1.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	1.1	92.3	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 7000	1.1	92.3	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 6000	1.1	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	1.1	92.6	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	1.1	92.8	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	1.1	93.5	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	1.1	93.5	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	1.1	94.4	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	1.1	94.5	95.2	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	1.1	94.6	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	1.1	94.6	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1600	1.1	95.3	96.0	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1400	1.1	95.3	96.0	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	1.1	95.5	96.5	97.0	97.4	97.4	97.8	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	1.1	96.1	97.3	98.2	98.6	98.6	99.0	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 900	1.1	96.1	97.3	98.2	98.6	98.6	99.0	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	1.1	96.1	97.3	98.2	98.6	98.6	99.0	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	1.1	96.5	97.6	98.5	98.9	98.9	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	1.1	96.5	97.6	98.5	98.9	98.9	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	1.1	96.5	97.6	98.5	98.9	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	1.1	96.5	97.6	98.5	98.9	98.9	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	1.1	96.5	97.6	98.5	98.9	98.9	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	1.1	96.6	97.7	98.6	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	1.1	96.6	97.7	98.6	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 50	1.1	96.6	97.7	98.6	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 20	1.1	96.6	97.7	98.6	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
1113

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUL
2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.0

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. CEILINGS ≥ 20000	1.1	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥ 18000	1.1	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
≥ 16000	1.1	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 14000	1.1	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 12000	1.1	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 10000	1.1	77.7	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 8000	1.1	85.5	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 6000	1.1	85.7	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 4000	1.1	90.4	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 2000	1.1	90.8	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 1000	1.1	91.1	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 500	1.1	91.7	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 4500	1.1	92.0	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 4000	1.1	92.9	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 3500	1.1	93.4	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 3000	1.1	93.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 2500	1.1	93.8	94.8	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 2000	1.1	93.9	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 1800	1.1	93.9	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 1600	1.1	95.2	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1400	1.1	95.7	97.3	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1200	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1000	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	1.1	96.7	98.5	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

1911

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	.3	5.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	.4	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	.4	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	.4	75.3	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	.5	87.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	.5	87.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	.5	90.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	.5	90.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	.5	91.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	.5	91.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	.5	92.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	.5	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	.5	92.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	.5	94.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	.5	94.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	.5	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	.5	94.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	.5	95.8	97.5	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1200	.5	96.2	98.1	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1000	.5	96.7	98.7	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900	.5	96.7	98.7	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 50	.5	96.7	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
V1.13

ANDERSEN AFB

STATION NAME

74-83

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
SUM

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	.3	5.2	57.3	50.3	50.3	50.3	57.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	.3	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 14000	.3	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	.3	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	.3	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	.3	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	.3	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	.3	91.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	.3	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	.3	91.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	.3	92.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	.3	92.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	.3	93.7	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	.3	94.0	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	.3	94.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	.3	94.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	.3	94.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	.3	95.6	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	.3	96.0	98.6	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	.3	96.0	98.6	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	.3	96.2	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	.3	96.2	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.3	96.3	98.9	99.2	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0118
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

1111
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 16000	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 14000	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 12000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 10000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 9000	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 8000	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 6000	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 5000	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4500	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 4000	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	96.9	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	97.5	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	97.6	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.0	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.1	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.1	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.1	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

118
STATION

ANDERSEN AFB

74-03

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	.5	53.2	57.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	.5	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	.5	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	.5	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	.5	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	.5	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	.5	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	.5	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 7000	.5	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 6000	.5	92.0	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	.5	92.4	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	.5	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	.5	93.2	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	.5	93.4	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	.5	94.4	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	.5	94.6	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	.5	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	.5	94.8	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	.5	95.7	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	.5	96.1	97.5	97.9	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	.5	96.7	98.4	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	.5	96.7	98.4	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	.5	96.8	98.5	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	.5	96.9	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	.5	96.9	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	.5	96.9	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	.5	96.9	98.6	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.5	96.9	98.6	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.5	96.9	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	.5	96.9	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	.5	96.9	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

7439

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING		44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000		63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000		64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000		64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000		67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000		72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000		82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000		82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000		88.9	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000		89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000		91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000		91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500		91.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		91.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500		91.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000		93.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500		93.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000		94.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800		94.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500		95.2	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		95.7	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		96.1	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		96.1	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		96.1	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		96.3	98.5	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		96.3	98.5	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		96.3	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 030

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 18000	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 16000	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 12000	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 10000	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 9000	81.8	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 8000	81.1	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 7000	88.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	88.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	88.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	89.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	90.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	91.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	91.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	92.8	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	92.9	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	93.2	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1600	93.2	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1400	93.7	95.2	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	94.9	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	95.3	97.3	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	95.3	97.3	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	95.3	97.3	97.6	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	95.6	97.6	98.0	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	95.6	97.6	98.1	98.7	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	95.7	97.7	98.2	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

AMC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-7800
FOOT

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	.2	45.5	46.1	46.0	46.7	46.0	46.1	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥20000	.2	6.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥18000	.2	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥16000	.2	62.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥14000	.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥12000	.2	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥10000	.2	82.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥9000	.2	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥8000	.2	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥7000	.2	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥6000	.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥5000	.2	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥4500	.2	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥4000	.2	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥3500	.2	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥3000	.2	93.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥2500	.2	93.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥2000	.2	94.2	95.9	95.9	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥1800	.2	94.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥1500	.2	94.9	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1200	.2	95.3	96.9	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥1000	.2	95.7	97.6	97.8	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥900	.2	95.7	97.6	97.8	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥800	.2	95.7	97.6	97.8	98.5	98.5	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥700	.2	95.8	97.7	98.0	98.6	98.6	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥600	.2	95.8	97.7	98.0	98.6	98.6	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥500	.2	95.8	97.8	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥400	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥300	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥200	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥100	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥50	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥20	.2	95.8	97.8	98.2	99.1	99.1	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 16
STATION

ANDERSEN AFB

74-63

AMC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

937-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO. CEILING ≥ 20000	.6	44.6	44.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	.6	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	.6	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	.6	87.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	.6	91.5	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	.6	92.6	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	.6	92.7	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	.6	93.4	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	.6	93.5	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	.6	93.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	.6	93.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	.6	94.2	95.6	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	.6	94.7	96.6	97.2	97.3	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1600	.6	95.4	97.3	98.1	98.2	98.2	98.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1400	.6	95.4	97.3	98.0	98.2	98.2	98.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1200	.6	95.4	97.3	98.0	98.2	98.2	98.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	.6	95.6	97.5	98.3	98.5	98.5	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 900	.6	95.8	97.7	98.6	98.8	98.8	99.0	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	.6	95.8	97.8	98.7	98.9	99.0	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0116
 STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1600	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1400	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

Aug

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	.2	31.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	.4	82.5	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0
≥ 9000	.4	82.6	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2
≥ 8000	.4	88.8	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 7000	.4	88.8	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 6000	.4	89.7	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
≥ 5000	.4	90.0	91.1	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 4500	.4	90.3	91.4	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
≥ 4000	.4	91.6	92.7	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 3500	.4	91.7	92.9	92.9	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7
≥ 3000	.4	92.6	93.8	93.9	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
≥ 2500	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 2000	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1800	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1600	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1400	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1200	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1000	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 900	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 800	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 700	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 600	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 500	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 400	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 300	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 200	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 100	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 50	.4	92.9	94.1	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71 16 ANDERSEN AFB STATION NAME

74-83 YEARS

AMC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	40.5	47.5	47.5	47.5	47.5	47.5	47.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	67.6	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	75.2	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	83.5	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 9000	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	89.6	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	90.2	89.5	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	90.8	90.3	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	91.3	90.9	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	91.6	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	93.0	92.7	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	93.3	92.9	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	94.5	94.4	93.5	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	94.8	94.3	93.9	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	95.5	94.4	94.4	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	95.7	94.6	94.6	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1600	96.0	94.9	94.9	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1400	96.8	95.4	95.4	96.0	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	98.7	96.2	96.2	97.0	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.7	96.5	96.5	97.3	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	99.1	97.0	97.0	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.1	97.3	97.3	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	99.1	97.5	97.5	97.8	99.2	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
11 18

ANDERSEN AFB

74-83

Aug

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-0-2100

CEILING FEET	VISIBILITY, STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01
NO CEILING	.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	.1	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	.1	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	.1	67.5	69.6	67.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	.1	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	.1	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	.1	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	.1	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	.1	90.4	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	.1	91.1	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	.1	91.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	.1	92.6	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	.1	92.8	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	.1	93.7	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	.1	93.7	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	.1	93.8	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	.1	95.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	.1	96.1	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	.1	96.1	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	.1	96.1	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	.1	96.1	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	.1	96.1	98.5	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	.1	96.1	98.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	.1	96.2	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.1	96.2	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.1	96.2	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	.1	96.2	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	.1	96.2	98.6	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01-18
STATION

ANDERSEN AFB

STATION NAME

74-83

YEAR

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.3	≥0.1	≥0.05	≥0.01	≥0.00
NO CEILING	42.2	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥20000	61.2	62.1	62.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥18000	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥16000	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥14000	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥12000	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥10000	82.1	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥9000	82.2	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥8000	88.4	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥7000	88.7	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥6000	89.5	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥5000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥4500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4000	91.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥3500	91.5	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥3000	91.5	93.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2500	92.7	94.1	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥2000	93.1	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1800	93.2	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1600	93.8	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1400	94.6	96.3	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥1200	95.2	97.2	97.8	98.5	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1000	95.2	97.3	97.8	98.5	98.5	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥900	95.3	97.3	97.9	98.6	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800	95.4	97.4	98.0	98.8	98.8	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥700	95.4	97.5	98.1	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥600	95.5	97.6	98.2	99.1	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	95.5	97.6	98.3	99.1	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

61 18
STATION

ANDERSEN AFB
STATION NAME

73-62
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-2200
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
18000	.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
16000	.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
14000	.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
12000	.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
10000	.2	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
9000	.2	83.4	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
8000	.2	89.1	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
7000	.2	89.2	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
6000	.2	90.3	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
5000	.2	89.7	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4000	.2	91.3	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
3000	.2	91.8	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
2500	.2	91.8	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
2000	.2	93.8	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1800	.2	93.8	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1600	.2	94.0	95.3	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1400	.2	95.1	96.7	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1200	.2	96.5	98.3	98.9	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	.2	96.5	98.3	98.9	99.3	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	.2	96.5	98.4	99.0	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	.2	96.5	98.4	99.0	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	.2	96.5	98.4	99.0	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 16

ANDERSEN AFB

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1500
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING	.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	.3	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	.3	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	.3	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	.3	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	.3	88.1	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	.3	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	.3	88.5	89.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	.3	89.9	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	.3	89.9	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	.3	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	.3	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	.3	92.1	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	.3	92.3	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	.3	92.5	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	.3	92.6	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	.3	93.4	94.9	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	.3	94.3	96.1	96.5	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 1000	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 50	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 20	.3	95.4	97.7	98.4	99.2	99.2	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1110
STATION

ANDERSEN AFB

STATION NAME

73-87

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	.3	1.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	.3	67.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	.3	66.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	.3	65.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	.3	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	.3	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	.3	85.5	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	.3	88.8	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	.3	89.1	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	.3	89.6	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	.3	89.6	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	.3	91.1	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	.3	91.7	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	.3	92.3	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	.3	92.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	.3	93.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	.3	93.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	.3	93.9	95.1	95.3	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	.3	94.5	96.3	96.5	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	.3	95.1	97.2	97.4	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	.3	95.1	97.2	97.4	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	.3	95.2	97.3	97.7	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 700	.3	95.7	97.4	97.8	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 600	.3	95.4	97.5	97.9	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 500	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 400	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 300	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 200	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 50	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	.3	95.4	97.5	97.9	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

73-62

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000		69.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000		69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000		70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000		74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000		79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000		83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000		88.5	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000		89.9	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000		89.2	91.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000		89.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500		90.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000		91.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500		91.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000		91.9	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500		92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000		92.8	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800		92.9	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500		93.1	94.3	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	.1	94.3	95.8	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 1000	.1	95.2	97.1	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 900	.1	95.2	97.1	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3
≥ 800	.1	95.4	97.3	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7
≥ 700	.1	95.6	97.4	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8
≥ 600	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9
≥ 500	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 400	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 300	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 200	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	.1	95.6	97.4	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

51.16
STATION

ANDERSEN AFB

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1900

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	.1	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 2000	.1	63.6	69.	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1800	.1	69.0	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1600	.1	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1400	.1	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1200	.1	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	.1	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900	.1	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	.1	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	.1	87.7	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	.1	88.1	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 500	.1	88.8	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 450	.1	88.8	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 400	.1	90.0	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 350	.1	90.3	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 300	.1	90.3	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 250	.1	90.3	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 200	.1	90.8	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 180	.1	90.8	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 150	.1	92.1	93.6	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
≥ 120	.1	93.4	94.9	95.6	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 100	.1	94.4	96.2	97.2	98.0	98.2	98.4	98.6	98.6	98.6	98.7	98.8	98.8	99.0	99.0	99.0
≥ 90	.1	94.6	96.3	97.3	98.2	98.4	98.8	98.9	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4
≥ 80	.1	94.7	96.4	97.4	98.3	98.6	98.9	99.0	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6
≥ 70	.1	94.7	96.4	97.4	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.7
≥ 60	.1	94.8	96.6	97.6	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.6	99.6	99.8	99.9	99.9
≥ 50	.1	94.8	96.6	97.6	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.6	99.6	99.8	99.9	99.9
≥ 40	.1	94.8	96.6	97.6	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.6	99.6	99.8	99.9	99.9
≥ 30	.1	94.8	96.6	97.6	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.6	99.6	99.8	99.9	99.9
≥ 20	.1	94.9	96.7	97.7	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0
≥ 10	.1	94.9	96.7	97.7	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0
≥ 0	.1	94.9	96.7	97.7	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION ANDERSEN AFB

73-82

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

15 0-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	.2	34.8	39.9	4.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	.2	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	.2	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	.2	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	.2	7.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	.2	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	.2	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	.2	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	.2	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	.2	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	.2	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	.2	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	.2	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	.2	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	.2	90.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.2	91.9	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	.2	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	.2	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	.2	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	.2	93.2	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	.2	95.2	96.2	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	.2	96.2	97.8	98.6	99.1	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	.2	96.2	97.8	98.6	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	.2	96.2	97.8	98.6	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	.2	96.2	97.8	98.6	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	.2	96.2	97.8	98.6	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 50	.2	96.2	97.8	98.6	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1116 ANDERSEN AFB STATION NAME

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7	45.4 66.7
≥ 18000 ≥ 16000	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2	67.1 68.2
≥ 14000 ≥ 12000	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1	72.4 78.1
≥ 10000 ≥ 9000	83.1 84.3	83.1 84.4	83.1 84.4	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6	83.2 84.6
≥ 8000 ≥ 7000	90.2 90.2	90.6 90.7	90.6 90.7	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9	90.8 90.9
≥ 6000 ≥ 5000	90.3 90.8	90.8 91.3	90.8 91.3	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6	91.0 91.6
≥ 4500 ≥ 4000	91.8 91.9	91.3 92.6	91.3 92.6	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9	91.6 92.9
≥ 3500 ≥ 3000	91.9 92.3	92.6 93.0	92.6 93.0	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3	92.9 93.3
≥ 2500 ≥ 2000	92.7 93.0	93.3 93.7	93.3 93.8	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1	93.8 94.1
≥ 1800 ≥ 1500	93.0 93.6	93.7 94.8	93.8 95.0	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6
≥ 1200 ≥ 1000	94.6 95.3	96.0 97.1	96.4 97.7	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9	97.6 98.9
≥ 900 ≥ 800	95.3 95.3	97.1 97.2	97.7 97.8	98.9 99.1	98.9 99.2	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3
≥ 700 ≥ 600	95.3 95.4	97.2 97.3	97.8 97.9	99.1 99.2	99.2 99.3	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4
≥ 500 ≥ 400	95.4 95.4	97.4 97.4	98.0 98.0	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
≥ 300 ≥ 200	95.4 95.4	97.4 97.4	98.0 98.0	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
≥ 100 ≥ 50	95.4 95.4	97.4 97.4	98.1 98.1	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

73-82

YEAR

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11,0-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	82.0	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	83.6	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	90.1	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	90.2	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	90.2	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	90.8	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	91.8	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	92.1	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	92.1	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	92.7	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	93.0	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	93.3	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	93.3	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	95.0	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	96.2	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.2	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	98.8	99.0	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

116 ANDERSEN AFB 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	.2	41.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥20000	.2	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥18000	.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥16000	.2	67.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥14000	.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥12000	.2	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥10000	.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥9000	.2	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥8000	.2	88.8	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥7000	.2	89.0	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥6000	.2	89.2	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥5000	.2	89.8	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥4500	.2	89.9	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥4000	.2	91.2	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥3500	.2	91.3	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥3000	.2	92.0	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥2500	.2	92.3	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥2000	.2	92.8	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1800	.2	92.8	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1600	.2	93.4	94.7	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
≥1400	.2	94.6	96.1	96.6	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥1200	.2	95.6	97.5	98.2	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥1000	.2	95.6	97.5	98.2	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥900	.2	95.6	97.5	98.2	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥800	.2	95.6	97.5	98.2	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥700	.2	95.7	97.6	98.4	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥600	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥500	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥400	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥300	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥200	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥100	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥	.2	95.7	97.7	98.4	99.2	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7189

GLOBAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 18

ANDERSEN AFB

73-82

261

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-5, 20

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	11.7	51.7	51.0	51.7	51.0	51.7	51.0	51.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥20000	11.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥18000	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥16000	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥14000	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥12000	72.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥10000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥9000	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥8000	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥7000	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥6000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥5000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥4500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥4000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥3500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥3000	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥2000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥1800	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥1600	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1400	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1200	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1000	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥900	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥800	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥700	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥600	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥400	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥300	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥200	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥100	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥50	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥20	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥10	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 933

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18 STATION ANDERSEN AFB YEAR 73-87 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

327-7500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	53.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	7.1	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
≥ 18000	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	71.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	77.6	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	84.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	84.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	85.8	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	88.9	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	89.1	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	89.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	89.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	91.7	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	91.8	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	92.5	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	92.7	94.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	92.7	94.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	93.2	94.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1600	93.2	95.2	96.1	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1400	93.9	96.3	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	94.4	97.1	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	94.4	97.1	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.4	97.1	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	94.4	97.1	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	94.5	97.2	98.6	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 20	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 10	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1	94.5	97.2	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 15

ANDERSEN AFB

73-82

DOT

STATION NAME

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-2800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 27000	56.5	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	67.7	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	70.1	70.4	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	76.6	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	84.5	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	84.7	85.3	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	88.9	89.5	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	89.7	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	89.4	89.9	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	89.7	90.2	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	89.9	90.5	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	91.9	91.8	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	91.0	91.9	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	91.5	92.7	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	91.8	93.0	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	91.8	93.0	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	91.9	93.1	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1600	93.7	94.1	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1400	94.2	95.6	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	94.6	96.3	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	94.7	96.5	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	94.9	96.8	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	94.9	96.8	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	94.9	96.8	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	94.9	96.8	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	95.1	97.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.1	97.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	95.1	97.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	95.1	97.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	95.1	97.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

CL PAI CLIMATOLOGY BRANCH
USAF ETAC
AFW LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41 18
STATION

ANDERSEN AFB

73-67

267

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

932-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1	≥.05
NO CEILING	.2	.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	.2	.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	.2	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	.2	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	.2	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	.2	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	.2	90.4	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	.2	90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	.2	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	.2	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	.2	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	.2	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	.2	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	.2	93.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	.2	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1600	.2	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1400	.2	95.9	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	.2	96.8	97.7	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	.2	96.8	97.7	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.2	96.9	98.0	98.2	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.7
≥ 800	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 700	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 600	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 500	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 400	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 300	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 200	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 100	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 50	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 20	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9
≥ 10	.2	97.0	98.1	98.3	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.10

ANDERSEN AFB

73-62

247

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-7-14.2

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 20000	48.4	49.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 16000	70.4	70.4	70.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 14000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 8000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	9.0	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	93.4	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	94.2	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	94.4	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	94.7	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 200	94.7	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 150	95.8	96.7	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	96.3	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 80	96.9	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 60	96.9	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 40	96.9	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 30	96.9	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 20	96.9	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 15	96.9	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	96.9	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5	96.9	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1	96.9	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 18
STATION

ANDERSEN AFB

73-67

961

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
≥1000	.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥800	.5	67.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥600	.5	70.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥400	.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥200	.5	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥100	.5	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥80	.5	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥60	.5	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥40	.5	88.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥20	.5	89.1	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥10	.5	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥8	.5	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥6	.5	91.6	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥4	.5	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥2	.5	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥1	.5	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥.8	.5	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥.6	.5	93.5	94.8	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥.4	.5	94.4	95.7	96.0	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥.3	.5	95.5	97.3	97.7	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥.2	.5	95.5	97.3	97.7	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥.1	.5	95.5	97.3	97.7	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥.08	.5	95.5	97.3	97.7	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥.06	.5	95.5	97.3	97.7	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥.04	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.03	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.02	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.01	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.008	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.006	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.004	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.003	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.002	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥.001	.5	95.7	97.5	98.2	98.8	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
ETC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.15 ANDERSEN AFB STATION NAME

73-87

267

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
20000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
18000	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
16000	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
14000	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
12000	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
10000	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
9000	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
8000	85.4	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
7000	89.4	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6000	89.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
5000	89.9	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4500	90.3	91.5	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4000	92.6	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3500	93.0	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
3000	93.2	94.7	95.2	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
2500	93.2	94.7	95.2	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
2000	93.3	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1800	93.3	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1500	94.2	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1200	95.1	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	95.4	97.5	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
900	95.4	97.5	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	95.4	97.6	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	95.4	97.6	98.8	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	95.5	97.7	98.9	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	95.6	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-1- ANDERSEN AFB

73-67

207

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	.1	4.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
18000	.1	6.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
16000	.1	7.0	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
14000	.1	7.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
12000	.1	7.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
10000	.1	7.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
9000	.1	5.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
8000	.1	5.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
7000	.1	6.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
6000	.1	6.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
5000	.1	7.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4500	.1	7.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4000	.1	7.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
3500	.1	7.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3000	.1	7.4	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2500	.1	7.4	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2000	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1800	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1600	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1400	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1200	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1000	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
900	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
800	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
700	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
600	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
500	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
400	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
300	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
200	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
100	.1	7.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-18
STATION

ANDERSEN AFB

STATION NAME

73-62

YEAR

1967

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
NO. REPORTS ≥ 20000	.2	41.9	49.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2 20000	.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
2 8000	.2	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2 6000	.2	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2 4000	.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2 2000	.2	76.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2 1500	.2	85.5	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
2 900	.2	85.7	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2 800	.2	89.7	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2 700	.2	90.0	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2 600	.2	90.1	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2 500	.2	90.5	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2 450	.2	90.6	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2 400	.2	92.2	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2 350	.2	92.4	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2 300	.2	92.9	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
2 250	.2	93.1	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2 200	.2	93.3	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2 1800	.2	93.4	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2 1500	.2	94.3	95.6	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2 1200	.2	95.1	96.1	97.2	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2 1000	.2	95.6	97.5	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
2 900	.2	95.6	97.5	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
2 800	.2	95.7	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 700	.2	95.8	97.7	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
2 600	.2	95.8	97.7	98.5	99.0	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
2 500	.2	95.8	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
2 400	.2	95.8	97.7	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
2 300	.2	95.8	97.7	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
2 200	.2	95.8	97.7	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
2 100	.2	95.8	97.7	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
2 00	.2	95.8	97.7	98.6	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 13
STATION

ANDERSEN AFB

STATION NAME

73-87

YEARS

NGV

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-7.00

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64
NO CEILING	1.1	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥20000	2.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥18000	2.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥16000	2.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥14000	2.3	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥12000	2.3	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥10000	2.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥9000	2.3	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥8000	2.3	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥7000	2.3	90.9	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥6000	2.3	91.3	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥5000	2.3	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥4500	2.3	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥4000	2.3	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3500	2.3	91.7	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥3000	2.3	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥2500	2.3	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥2000	2.3	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1800	2.3	93.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1600	2.3	95.2	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1400	2.3	95.8	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1200	2.3	96.4	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥1000	2.3	96.4	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥900	2.3	96.4	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥800	2.3	96.4	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥700	2.3	96.4	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	2.3	96.4	98.2	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥500	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥400	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥300	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥200	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥100	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥50	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥20	2.3	96.6	98.3	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01-18
 STATION

ANDERSEN AFB

STATION NAME

73-82

YEAR

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	2.2	1.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥20000	2.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥18000	2.2	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥16000	2.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥14000	2.2	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥12000	2.2	81.9	81.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥10000	2.2	85.6	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥9000	2.2	85.9	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥8000	2.2	90.3	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥7000	2.2	90.7	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥6000	2.2	91.9	91.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥5000	2.2	91.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥4500	2.2	91.0	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥4000	2.2	91.0	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥3500	2.2	91.2	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥3000	2.2	93.3	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2500	2.2	93.4	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥2000	2.2	93.7	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1800	2.2	93.7	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1600	2.2	95.1	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1400	2.2	95.7	96.2	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	2.2	96.9	97.8	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1000	2.2	97.0	97.9	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥900	2.2	97.0	97.9	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥800	2.2	97.0	97.9	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥700	2.2	97.0	97.9	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	2.2	97.0	97.9	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	2.2	97.1	98.1	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	2.2	97.1	98.1	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	2.2	97.1	98.1	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	2.2	97.1	98.1	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	2.2	97.1	98.1	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	2.2	97.1	98.1	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0115 ANDERSEN AFB

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-6800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.03	≥0.01
NO CEILING ≥ 20000	2.1	51.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	7.3	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	2.3	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	2.3	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	2.3	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	2.3	76.4	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	2.3	76.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	2.3	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	2.3	91.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	2.3	91.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	2.3	91.5	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	2.3	91.5	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	2.3	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	2.3	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	2.3	93.2	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	2.3	93.3	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	2.3	93.5	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	2.3	93.5	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	2.3	94.9	96.1	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	2.3	95.4	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	2.3	96.6	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	2.3	96.6	97.9	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	2.3	96.6	97.9	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	2.3	96.7	98.0	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	2.3	96.7	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	2.3	96.8	98.2	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.13 ANDERSEN AFB STATION NAME

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

922-1120

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥20000	2.1	5.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥8000	2.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥5000	2.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥4000	2.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥3000	2.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥2000	2.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥1500	2.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥1000	2.1	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥800	2.1	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥600	2.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥450	2.1	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥300	2.1	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥150	2.1	94.0	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥100	2.1	94.2	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥75	2.1	94.7	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥50	2.1	94.7	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥25	2.1	94.8	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥10	2.1	95.0	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥5	2.1	96.0	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥2	2.1	96.4	97.2	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1	2.1	97.7	98.7	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0.75	2.1	97.7	98.7	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥0.5	2.1	97.7	98.7	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥0.25	2.1	97.7	98.7	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥0.15	2.1	97.7	98.7	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0.1	2.1	97.7	98.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0.05	2.1	97.7	98.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0	2.1	97.7	98.7	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01 18
STATION

ANDERSEN AFB

STATION NAME

73-87

YEAR

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. OF OBSERVATIONS	2.4	5.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥20000	2.4	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥18000	2.4	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥16000	2.4	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥14000	2.4	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥12000	2.6	81.4	81.4	81.4	81.4	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥10000	2.6	87.9	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥9000	2.7	88.0	88.1	88.1	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥8000	2.7	91.6	91.7	91.9	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥7000	2.7	91.7	91.8	92.0	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥6000	2.7	92.1	92.3	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥5000	2.7	92.3	92.4	92.7	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥4500	2.7	92.6	92.7	92.9	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥4000	2.7	93.1	93.3	93.6	93.6	93.7	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥3500	2.7	93.4	93.7	93.7	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥3000	2.7	94.2	94.7	94.9	94.9	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥2500	2.7	94.2	94.7	94.9	94.9	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥2000	2.7	94.4	94.9	95.1	95.1	95.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1800	2.7	95.4	95.9	96.3	96.4	96.6	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥1600	2.7	96.2	96.8	97.3	97.4	97.7	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1400	2.7	96.7	97.3	97.9	98.1	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1200	2.7	96.7	97.3	97.9	98.1	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1000	2.7	96.7	97.3	97.9	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥900	2.7	96.7	97.3	97.9	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥800	2.7	96.7	97.3	97.9	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥700	2.7	96.7	97.3	97.9	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥600	2.7	96.7	97.3	97.9	98.1	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	2.7	96.8	97.4	98.0	98.2	98.7	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	2.7	96.9	97.6	98.1	98.3	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	2.7	96.9	97.6	98.1	98.3	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	2.7	96.9	97.6	98.1	98.3	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	2.7	96.9	97.6	98.1	98.3	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	2.7	96.9	97.6	98.1	98.3	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

112

ANDERSEN AFB

STATION NAME

73-87

STATE

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
≥20000	1.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
18000	2.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
16000	2.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
14000	2.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
12000	2.1	7.1	79.1	7.1	79.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
10000	2.1	2.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
8000	2.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
6000	2.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
4000	2.3	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2000	2.3	2.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
1000	2.3	2.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
500	2.3	2.2	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
4500	2.3	2.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
4000	2.3	3.3	93.0	93.9	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
3500	2.3	3.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
3000	2.3	5.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
2500	2.3	5.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2000	2.3	5.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1800	2.3	5.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1600	2.3	6.4	97.0	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1400	2.3	6.9	97.4	97.8	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1200	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	2.3	7.1	97.9	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	2.3	7.1	97.9	98.3	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	2.3	7.1	97.9	98.3	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	2.3	7.1	97.9	98.3	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	2.3	7.1	97.9	98.3	98.8	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

115
STATION

ANDERSEN AFB

STATION NAME

73-60

YEAR

1973

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
≥25000	1.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
20000	2.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
18000	2.3	3.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
16000	2.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
14000	2.3	5.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
12000	2.3	5.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
10000	2.3	6.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000	2.3	6.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
6000	2.3	1.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	2.3	1.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
3000	2.3	1.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2500	2.3	1.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2000	2.3	1.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1500	2.3	2.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1000	2.3	2.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
800	2.3	3.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
600	2.3	3.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
400	2.3	3.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
300	2.3	3.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
200	2.3	5.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
150	2.3	6.1	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100	2.3	6.4	98.2	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
80	2.3	6.4	98.2	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
60	2.3	6.4	98.2	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
40	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	2.3	6.4	98.2	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 899

LOCAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-15 ANDERSEN AFB STATION NAME

73-60

Nov

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

21-2-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	1.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
20000	2.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
21800	2.3	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
21600	2.3	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
21400	2.3	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
21200	2.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
21000	2.3	7.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
20800	2.3	7.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
20600	2.3	7.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
20400	2.3	1.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
20200	2.3	2.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
20000	2.3	2.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
19800	2.3	2.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
19600	2.3	3.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
19400	2.3	3.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
19200	2.3	4.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
19000	2.3	4.8	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
18800	2.3	4.8	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
18600	2.3	6.1	96.8	97.1	97.3	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
18400	2.3	6.9	97.6	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
18200	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
18000	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
17800	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
17600	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
17400	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
17200	2.3	7.7	98.3	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
17000	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
16800	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
16600	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
16400	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
16200	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
16000	2.3	7.8	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

112 ANDERSEN AFB

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

CEILING FEET		VISIBILITY STATUTE MILES																	
		20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
1000	2.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
900	2.3	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
800	2.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
700	2.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
600	2.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
500	2.3	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
400	2.3	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
300	2.3	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
200	2.3	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
100	2.3	91.6	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
50	2.3	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
40	2.3	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
30	2.3	92.1	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
20	2.3	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
10	2.3	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
5	2.3	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
4	2.3	94.2	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
3	2.3	94.3	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2	2.3	94.3	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1	2.3	95.5	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
0	2.3	96.2	97.1	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	2.3	96.9	98.0	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	2.3	96.9	98.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	2.3	97.0	98.1	98.6	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	2.3	97.0	98.1	98.7	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	2.3	97.0	98.2	98.7	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
50	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
40	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
30	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
20	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
10	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
4	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1	2.3	97.0	98.2	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7198

CLIMATE CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.1 ANDERSON AFB STATION NAME

73-62

545

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-0100

ELEVATION FEET		VISIBILITY STATISTICAL																			
		20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
1000	1.3	3.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
900	1.2	1.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
800	1.5	1.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
700	1.5	1.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
600	1.5	1.2	81.7	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
500	1.5	3.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
400	1.5	7.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
300	1.5	7.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
200	1.5	1.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
100	1.5	2.0	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0	1.5	2.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1000	1.5	2.9	93.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
900	1.5	3.6	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
800	1.5	3.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
700	1.5	4.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
600	1.5	4.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
500	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
400	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
300	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
200	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
100	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0	1.5	4.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1000	1.5	5.2	96.7	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
900	1.5	7.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
800	1.5	7.4	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	1.5	7.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 530

CL AL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.15
STATION

ANDERSEN AFB

STATION NAME

73-87

YEAR

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

607-2ACC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	1.3	3.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
20000	1.4	7.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
18000	1.4	7.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
16000	1.4	7.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
14000	1.4	7.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
12000	1.4	7.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
10000	1.4	7.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
8000	1.5	6.5	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
6000	1.5	6.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
4000	1.5	6.9	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1000	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
500	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
250	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
100	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
50	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
25	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
10	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
5	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0	1.5	7.1	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

115 ANDERSEN AFB

73-82

260

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

907-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
≥ 10000	1.2	3.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	1.3	5.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	1.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	1.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	1.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1000	1.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 800	1.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	1.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	1.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 200	1.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 100	1.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 80	1.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 60	1.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 40	1.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 20	1.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 10	1.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8	1.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6	1.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4	1.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2	1.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1	1.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0.8	1.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0.6	1.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0.4	1.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.2	1.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.1	1.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.05	1.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 530

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 13
STATION

ANDERSEN AFB

STATION NAME

73-67

YEAR

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	2.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	2.2	75.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 18000	2.2	75.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	2.2	75.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	2.2	75.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	2.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	2.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	2.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	2.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	2.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	2.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	2.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	2.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	2.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	2.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	2.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	2.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	2.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	2.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	2.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	2.2	98.1	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	2.2	98.8	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	2.2	98.8	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	2.2	99.0	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	2.2	99.0	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	2.2	99.1	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	2.2	99.1	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	2.2	99.1	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	2.2	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.2	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.2	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	2.2	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 11 19 ANDERSEN AFB STATION NAME

73-82 YEAR

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1520-1720

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	2.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	2.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	2.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	2.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	2.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	2.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	2.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	2.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	2.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	2.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	2.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	2.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	2.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	2.0	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	2.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	2.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	2.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	2.0	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	2.0	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1600	2.0	96.7	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1400	2.0	97.5	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	2.0	98.0	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1000	2.0	98.0	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 900	2.0	98.2	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 800	2.0	98.2	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700	2.0	98.2	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 600	2.0	98.2	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 50	2.0	98.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

ANDERSEN AFB

STATION NAME

73-82

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18,0-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	1.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	1.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	1.5	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	1.5	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	1.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	1.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	1.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	1.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	1.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	1.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	1.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	1.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	1.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	1.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	1.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	1.5	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	1.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	1.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	1.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1600	1.5	97.3	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1400	1.5	97.6	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	1.5	98.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	1.5	98.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	1.5	98.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	1.5	98.2	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	1.5	98.3	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	1.5	98.3	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	1.5	98.4	98.7	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

73-22

DLC

44-2-2320

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION ANDERSEN AFB

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	1.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	1.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	1.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	1.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	1.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	1.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	1.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	1.7	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	1.7	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	1.7	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	1.7	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	1.7	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	1.7	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	1.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	1.7	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	1.7	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	1.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	1.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	1.7	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1600	1.7	96.4	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1400	1.7	97.1	97.7	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	1.7	97.7	98.5	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	1.7	97.8	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	1.7	97.9	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	1.7	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	1.7	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	1.7	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.7	98.0	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7439

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11c
 STATION

ANDERSEN AFB

STATION NAME

73-83

YEAR

ALL
 DATA

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 DATA

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING ≥ 20000	1.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
18000	1.3	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
16000	1.3	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
14000	1.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
12000	1.3	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
10000	1.3	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
9000	1.3	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
8000	1.3	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
7000	1.3	90.5	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
6000	1.3	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
5000	1.3	91.4	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4000	1.3	91.6	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
3000	1.3	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2500	1.3	92.8	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2000	1.3	93.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1500	1.3	93.9	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1000	1.3	94.1	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
800	1.3	94.2	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
600	1.3	95.1	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
400	1.3	95.8	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
300	1.3	96.6	97.7	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	1.3	96.6	97.7	98.2	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
100	1.3	96.7	97.9	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
50	1.3	96.8	98.0	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
25	1.3	96.8	98.0	98.5	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
10	1.3	96.9	98.1	98.7	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
5	1.3	96.9	98.2	98.7	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	1.3	96.9	98.2	98.7	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1	1.3	96.9	98.2	98.7	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 87633

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATUS, IN PLACE OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & O CLOUDS WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 4/10

OVERCAST WAS CONVERTED TO 10/10

O CLOUDS WAS CONVERTED TO 10/10

SKY COVER

74-83

JAS

STATION

STATION NAME

PERIOD

MCN⁺

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
J	0-02	.4			43.8						6.7	26.9	6.6	930
	3-05	.8			43.7						26.1	25.5	6.6	930
	6-08	.2			36.1						36.3	27.3	7.1	930
	9-11				36.7	.1					36.1	28.2	7.1	930
	12-14	.3			37.5						33.2	28.9	7.0	930
	15-17	.1			37.4						31.4	31.1	7.1	930
	18-20	.5			35.2						33.0	31.3	7.2	930
	21-23	1.1			38.7						33.2	27.0	6.9	930
TOTALS		.			33.6	.0					32.6	28.3	7.0	7440

SKY COVER

74-47

15

STATION

STATION NAME

PER JO

4 2 2

i

23

74-83

MAK

STATION

STATION NAME

PERIOD

— 424 —

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
M	6-02				44.1						29.1	26.6	6.6	93
	-04	.2			4 .9						30.5	28.3	6.8	93
	6-06				36.5						31.9	31.6	7.1	93
	-11	.1			37.8						31.4	31.6	7.1	93
1	-14	.2			39.9						26.0	33.9	6.9	93
1	-17	.4			41.1						27.2	31.3	6.8	93
	-20	.6			40.2						29.8	29.4	6.8	93
	1-23				44.0						31.3	24.7	6.6	93
TOTALS	.				41.6						29.5	29.7	6.8	740

AL CLIMATE DATA BRANCH
 LTAC
 A TAFER SERVICE PHAC

SKY COVER

1 JUL 64 AND R ON AFB

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL PERCENTAGE	TOTAL OCCURRENCES
		0	1	2	3	4	5	6	7	8	9		
JUL	0-23				47.7						3.0	19.6	6.4
	-01				47.7						17.2	17.4	6.5
	-07				47.4						34.1	22.4	10.1
	-11				45.7						14.4	19.7	6.4
	01-10	6.0			47.8						6.7	12.3	6.3
	11-20	6.0			47.8						17.6	22.4	6.3
	-21				47.8						14.5	23.1	6.0
	1-23				47.7						2.4	17.7	6.0
TOTALS		6.0			47.0						76.1	120.6	6.4

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

74-82

444

STATION

STATION NAME

PER CD

— 512 —

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
M	0-0	.3			46.5						30.6	22.3	6.4	930
	0 - 1	.2			41.4						31.6	22.8	6.7	930
	-0-				37.8						34.6	27.5	7.0	930
	-1				43.9						32.5	26.7	6.8	930
	1 -1"				41.						32.5	26.6	6.8	930
	1 -1'				41.1						31.6	27.3	6.8	930
	-2	.1			41.6						32.8	25.5	6.7	930
	1-23	.3			45.3						32.5	21.9	6.5	930
TOTALS		.1			42.0						32.8	25.1	6.7	7440

FORM
JUL 66

FORM 0-9-5 (OL A)
JUL 66

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL 4

44:28-29

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
J	0-2	.6			36.1						38.6	24.6	7.0	900
	3-5	.3			37.6						36.3	25.8	7.0	900
	6-8				33.6						39.7	27.4	7.3	900
	9-11				35.6						38.0	26.4	7.1	900
	12-14	.1			37.0						32.9	31.0	7.1	900
	15-17	.1			31.0						37.8	31.1	7.4	900
	18-20	.1			33.2						38.6	28.1	7.3	900
	21-23	.2			37.3						36.6	25.9	7.0	900
TOTALS	.				35.2						37.2	27.4	7.2	7200

2

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JUL

MON*H

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SKY COVER

AUG

MON[®] H

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
	0-02	.3			17.4						33.7	49.7	8.4	930
	-05	.3			15.7						35.3	47.7	8.4	929
	-08				17.2						35.7	47.1	8.4	930
	-11				14.0						36.2	49.8	8.7	930
	1-14				17.3						36.7	49.7	8.8	930
	1-17				12.6						34.7	52.5	8.8	930
	-20				15.2						29.9	54.9	8.6	930
	1-23				17.1						33.7	50.0	8.5	930

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AND ROSEN AFB

73-82

SFP

STATION

STATION NAME

PER:OD

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121

1 180	ANDER EN FB	73-87	001
STATION	STATION NAME	PERIOD	PAGE

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10

1 18 ANDERSEN AFB

17-85

NO 6

STATION

STATION NAME

PERIOD:

440

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV.	0-01	.2			30.4						35.7	27.7	7.1	900
	02-05	.4			43.7						30.4	26.1	6.6	900
	06-08	.1			34.7						38.1	27.1	7.2	900
	-11				33.4						39.3	27.2	7.3	900
	12-14				36.4						35.3	29.2	7.2	900
	15-17				37.1						32.9	30.0	7.1	900
	18-20				31.6						34.9	33.5	7.4	899
	21-23				32.2						35.7	32.1	7.4	900
TOTALS	.				35.5						35.3	29.1	7.2	7199

GLOBAL CLIMATOLOGY BRANCH
ETAC
A. LEATHER SERVICE /MAC

SKY COVER

1 18 ANDERSEN AFB

73-82

DEC

STATION

STATION NAME

PERIOD

 Mg^{2+}

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
D C	C-0	.1			46.1						31.9	21.8	6.4	930
	C-05	.1			47.6						32.4	19.9	6.3	930
	"-08				39.2						35.1	25.7	6.9	930
	"-11	.1			41.7						29.6	29.4	6.8	930
	1.-14	.2			43.						31.5	26.2	6.7	930
	1.-17	.1			41.5					.1	29.2	29.7	6.8	930
	"-2				36.9						33.3	29.8	7.1	930
	1-23				41.4						31.6	27.0	6.8	930
TOTALS		.1			42.1					.1	31.7	26.1	6.7	7440

GLOBAL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/MAC

SKY COVER

1 18 ANDERSEN AFB

73-P3

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	A. L.	.			30.6						22.6	28.3	7.0	7440
FEB		.			37.1						31.6	31.	7.1	6768
MAR		.			40.6						29.5	29.7	6.8	7440
APR		.			47.7						22.1	20.9	6.4	7199
MAY		.			42.0						32.6	25.1	6.7	7440
JUN		.			37.2						37.2	27.4	7.2	7200
JUL		.			27.0						34.0	38.9	7.8	7439
AUG		.			15.2						34.6	50.1	9.6	7439
SEP		.			20.7						33.7	46.5	8.2	7169
OCT		.			24.8						34.4	40.9	7.9	7440
NOV		.			35.5						35.3	29.1	7.2	7199
DEC		.			42.1						31.7	26.1	6.7	7440
TOTALS		.			33.8						33.2	32.9	7.3	87633

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observation with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

ATTN: WEATHER SERVICE/MAC

STATION 411137 ANDERSEN AFB STATION NAME

46-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5	3.5	4.9	6.6	21.5	39.9	47.1	43.5	42.5	39.2	41.4	33.0	11.7	28.1
10	88.9	85.4	93.3	97.4	98.7	98.7	96.6	96.1	96.5	97.1	98.6	97.0	95.4
15	100.0	100.0	100.0	99.9	100.0	100.0	100.0	99.9	100.0	100.0	99.9	100.0	100.0
20				100.0				100.0			100.0		100.0
25													
30													
35													
40													
45													
50													
55													
60													
65													
70													
75													
80													
85													
90													
95													
100													
MEAN	1.6	81.6	82.0	83.0	83.9	84.4	84.0	83.9	83.8	83.9	83.7	82.6	83.2
S.D.	1.771	1.984	1.725	1.868	1.900	2.053	2.077	2.183	2.037	1.995	1.743	1.623	2.153
TOTAL OBS.	174	988	1083	1750	1116	1080	1115	1116	1048	1085	1043	1085	12893

91 100 ANDERSEN AFB
STATION STATION NAME

DAILY TEMPERATURES

40-63

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

✓ I B I M J M

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A.
75	65.5	59.0	68.6	63.4	92.5	91.1	83.5	78.9	76.5	83.3	95.8	87.0	80.2
70	99.7	99.8	99.5	99.7	99.6	99.9	100.0	100.0	100.0	100.0	99.9	99.9	99.5
65	100.0	100.0	100.0	100.0	100.0	100.0					100.0	100.0	100.0
60													
55													
50													
45													
40													
35													
30													
25													
20													
15													
10													
5													
0													
MEAN	75.1	74.7	75.1	75.9	76.7	77.1	76.4	76.1	75.9	76.4	77.0	76.3	76.0
S.D.	1.39	1.66	1.497	1.529	1.692	1.873	1.967	1.989	1.853	1.898	1.825	1.649	1.923
TOTAL OBS.	104	988	1023	1050	1116	1080	1116	1116	1048	1085	1043	1085	12893

USAFETAC 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC
 11 IS ANDERSEN AFB
 STATION NAME

48-87

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. A
5					.4	2.8	.4	.3	.1		.1		.0
10	25.4	22.8	27.9	56.1	77.2	91.6	73.6	69.5	66.4	72.1	76.9	56.9	54.0
15	99.4	99.2	99.8	99.8	100.0	99.9	99.7	99.6	99.9	100.0	99.9	99.9	99.8
20	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0
25													
30													
35													
40													
45													
50													
55													
60													
65													
70													
75													
80													
85													
90													
95													
100													
MEAN	70.5	70.4	70.7	70.7	80.5	81.0	80.4	80.2	80.1	80.4	80.6	79.7	79.9
S.D.	1.56	1.567	1.345	1.480	1.548	1.759	1.773	1.799	1.838	1.844	1.520	1.402	1.479
TOTAL OBS	1004	988	1083	1080	1116	1085	1116	1116	1088	1085	1043	1085	1083

USAFETAC FORM 0-71 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

4: - 27

YEARS

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NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

01 13 STATION ANDERSEN AFB

40-03

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4													
5	72	71*	69	73	74	74	72	72	71	71	72	72	* 69
6	71	71	74	73	74	73	72	72	71	71	73	71	* 71
7	71	71	71	72	66	73	71	72	73	75	71	75	66
8	73	71	70	73	71	76	72	73	73	73	70	70	77
9	72	72	71	69	75	74	72	70	73	74	73	74	69
10	73	71	72	72	74	73	74	71	71	73	74	74	77
11	73	73	69	72	73	72	72	73	71	72	72	72	69
12	71	71	72	73	71	73	72	71	71	72	75	73	77
13	72	71	71	74	72	75	73	72	73	71*	69	71	* 69
14	71	71	72	74	73	74	74	75	73	72	74	73	77
15	71	73	71	73	75	75	74	72	72	74	74	74	77
16	73	72	72	75	74	73	72	70	73	72	71	73	77
17	71	72	72	73	74	71	71	72	72	73	72	73	77
18	73	73	74	72	73	70	73	73	73	72*	74	66	69
19	66	71	69	72	72	73	72	74	71	73	73	71	66
20	73	70	71	73	74	74	72	71	72	71	74	73	77
21	71	73	61	71	74	73	73	74	73	72	74	72	69
22	71	73	71	72	74	74	73	73	72	72	76	76	77
23	76	72	71	72	73	74	72	72	74	74	74	73	77
24	73	71	74	69	75	74	74	73	73	74	72	72	69
25	71	71	71	74	76	76	73	74	75	73	75	74	77
26	73	73	74	75	77	76	75	74	73	74	74	74	77
27	71	72	73	73	73	72	72	71	72	73	74	72	77
28	71	73	72	69	71	72	73	71	73	75	75	74	69
29	73	71	73	74	75	75	74	72	72	75	77	75	77
30	72	74	72	74	75	74	74	74	72	73	75	74	77
31	73	74	72	73	75	77	73	72	73	74	73	73	77
32	72	72	73	71	71	74	74	73*	73	73	75	74	77
33	70	74	72	71	72	74	74	73	72	74	74	73	77
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 000-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

91218C
STATION

ANDERSEN AFB

STATION NAME

74-67

YEARS

JAN
MONTH

PAGE 1

100-120
HOURS L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81																		2	2																
81/ 79				3.2	6.5	4.6	.7											126	136																
79/ 77				.3	15.9	14.6	10.3	2.2	.1									46	476																
76/ 75	.1	4.2	13.8	7.7	6.1	.6	.1											34	74	52	9														
74/ 73	.1	2.7	2.5	2.2														69	60	354	112														
73/ 71		.6	.3	.3														12	12	207	276														
71/ 69		.1																1	1	155	225														
68/ 67																				52	157														
66/ 65																				5	98														
64/ 63																					45														
62/ 61																					16														
61/ 59																					2														
TOTAL	.2	9.4	35.6	31.5	21.1	3.7	.2													979	523	232													
																							979		523										

PSYCHROMETRIC SUMMARY

24-63

YEARS

MONITOR

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
76/ 76			1.7	5.2	7.3	.4												89	80																	
74/ 77			1.1	15.7	14.8	8.1	1.5											323	323																	
76/ 75			3.1	14.9	9.7	7.6	1.7	.7										303	343	79	8															
74/ 73			3.3	4.0	2.0	.2												54	54	335	08															
72/ 71			.6	1.1	.3													15	10	207	262															
70/ 69		.1	.1															2	2	100	258															
68/ 67																				70	138															
66/ 65																				0	119															
64/ 63																					36															
62/ 61																					10															
60/ 59																					7															
TOTAL		.3	8.3	37.4	32.6	17.8	3.2	.7												934	934															

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5607050	73132	78.6	7.778	93							
Dry Bulb	5432743	71063	76.4	1.701	93			93.2	93.9	1.7		93
Wet Bulb	4774232	66646	71.6	2.062	93			92.5	37.4			93
Dew Point	4467244	64440	69.2	2.891	93			75.2	0.4			93

912180	ANDERSEN AFB
STATION	STATION NAME

74-63

YEARS

JAN
MONTH

PAGE 1

0600-2800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
82/ 81				.1	.2													3	3				
80/ 79			2.6	7.5	4.3	1.2												145	145				
78/ 77		1.2	15.2	13.8	8.9	1.7												379	379				
76/ 75		3.7	12.9	9.4	6.9	1.3	.1											315	315	54	5		
74/ 73		2.4	3.0	1.9	.1													69	69	344	98		
72/ 71		.6	.9	.3														17	17	267	203		
70/ 69			.1															1	1	187	234		
68/ 67																				72	160		
66/ 65																				3	116		
64/ 63																					47		
62/ 61																					15		
60/ 59																					2		
TOTAL		7.8	34.6	33.12	3.3	4.1	.1											939		939	930		

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5762541	72473	77.9	7.185	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5477773	71355	76.7	1.798	930			91.3	91.2	5.4		93
Wet Bulb	4791735	66727	71.7	2.103	93			92.7	39.9			53
Dew Point	4472473	54435	69.3	2.040	930			76.0	12.3			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912181... ANDERSEN AFB
STATION STATION NAME

74-63

YEARS

14

PAGE 1 ~~0000-100~~
HOLMES

[illegible]

012187	ANDERSEN AFB	74-87		JAN
STATION	STATION NAME	YEARS		MONTH

PA. 1-20-14-2
HOURS 1-5-1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85							.6	.2	.1									9	3					
84/ 83				4.4	8.6	6.2	1.9	.2										2	2					
82/ 81			1.8	12.0	11.3	9.1	3.7	.8										349	349					
80/ 79		.4	4.3	10.0	7.3	4.7	.4	.7										261	261					
78/ 77		.4	4.2	1.6	.0	.1												67	67	77				
76/ 75		1.3	1.8	.3														72	32	258	75			
74/ 73		.6	.1	.1														8	8	327	73			
72/ 71		.2																2	2	155	71			
70/ 69																				65	69			
68/ 67																				0	67			
66/ 65																				2	65			
64/ 63																					63			
62/ 61																					61			
60/ 59																					59			
58/ 57																					57			
TOTAL		1.0	12.0	28.5	26.1	19.8	6.2	1.4												971	971			

Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4820692	66444	71.4	8.966	920	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6876929	75151	82.8	2.114	931			93.7	92.8	72.6		93
Wet Bulb	5067049	68619	73.8	2.944	930			92.8	69.9			92
Dew Point	4642651	65643	70.6	3.166	930			82.1	27.8			93

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

112133 STATION ANDERSEN AFB
STATION NAME

74-63

YEARS

MONTH

PAGE 1

11-17-74
NOV 17 1974

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
86/ 85							.1												1	1																
84/ 83					1.2	3.7	4.0	.3	.1										86	86																
82/ 81				.8	9.5	12.6	6.8	2.4	.1										300	307																
80/ 79				.6	11.4	9.1	7.2	7.4	.6										365	365																
78/ 77		.8	4.1	3.5	3.2	1.0	.4												121	121	27															
76/ 75		1.5	2.3	.9															43	43	244	34														
74/ 73	.1	1.2	.2																14	14	373	195														
72/ 71																					174	254														
70/ 69																					97	197														
68/ 67																					11	126														
66/ 65																						87														
64/ 63																						4														
62/ 61																						12														
60/ 59																						3														
TOTAL	.1	3.4	13.3	3.1	12.9	7.1	9.2	4.0	.2										936	937	936	936														

Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	49235.2	672.2	72.3	8.622	93	$\pm 0^\circ F$	$\pm 32^\circ F$	$\pm 67^\circ F$	$\pm 73^\circ F$	$\pm 80^\circ F$	$\pm 93^\circ F$	
Dry Bulb	59568.22	744.66	82.0	2.735	93			93.0	93.0	60.5		43
Wet Bulb	49968.46	681.44	73.3	2.02	93			73.7	69.8			27
Dew Point	45866.91	652.52	70.2	3.004	93			65.4	22.7			12

USAFETAC FORM 020-5 (OL A) REPRODUCED BY PERMISSION OF THE AIR FORCE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91101
STATION

ANDERSEN AFB
STATION NAME

74-87
YEARS

YEARS

JAN
MONTH

PAGE 1

1-1-2001
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

910181
STATION

ANDERSON AFB

STATION NAME

74-23

YEARS

MONTH

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
71/ 61																																							
72/ 72						2.5	9.4	6.3																															
73/ 77					1.9	16.1	11.6	8.1	1.7	2.2																													
74/ 79					4.6	9.8	8.7	6.4	5.1	2.2																													
75/ 78					1.7	1.7	1.																																
76/ 71						2.																																	
77/ 69																																							
78/ 67																																							
79/ 65																																							
80/ 63																																							
81/ 61																																							
82/ 59																																							
83/ 57																																							
TOTAL						8.333	3.333	4.222	2.333	3.111	2.222																												

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5455.333	7216.3	77.6	7.733	63	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	55432.1	7178.5	77.2	1.56	33			43.0	42.5	4.7		
Wet Bulb	43685.2	6704.2	72.1	1.72	33			22.5	45.2			
Dew Point	41143.3	6974.2	62.6	2.863	33			79.9	1.3			

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01018 ANDERSEN AFB
STATION STATION NAME

MONTE

USAFETAC NORM 0.265 (OL A) REVISED JULY 2005. ALL RIGHTS RESERVED.

GLOBAL CLIMATOLOGY BRANCH
WAFBCTAC
AIR WEATHER SE-VIC/CMAC

PSYCHROMETRIC SUMMARY

2126
STATION

ALLEGRA AFB

STATION NAME

4-22

YEARS

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ANDERSEN AFB GUAM REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 16 JAN 84
USAFETAC/DS 84/002 SBI AD E850 507 E/G 4/2

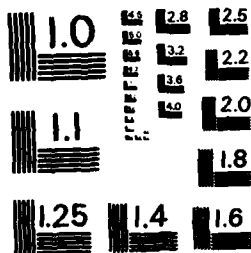
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16 JAN 84

F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

912180
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

FEB
MONTH

PAGE 1 2300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79			.1	.6	1.2	.1												17	17					
78/ 77		2.2	1.4	9.1	5.2	9.1	.6											356	356					
76/ 75	.2	7.0	2.0	3.1	0.5	3.2	.8											356	356	41	10			
74/ 73	.1	5.0	3.5	1.4	.9	.2												95	95	295	100			
72/ 71	.2	1.4	.8															21	21	326	257			
70/ 69		.1																1	1	199	254			
68/ 67																				25	124			
66/ 65																				14	72			
64/ 63																				1	16			
62/ 61																					9			
60/ 59																					6			
TOTAL	.6	15.7	39.7	27.8	14.4	1.8													846		846			
																		846						

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

FFA

MONTH

WORKING HOURS (HRS/TA)

USAFETAC FORM 0-26-5 (OLA) REPRODUCED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

91218G
STATION

ANDERSEN AER

STATION NAME

24-83

YEAR 2

~~SECRET~~

PAGE 1 ~~1200-1400~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85				.1	.2	.7												9	9						
84/ 83			.1	.4	.8	1.0	7.2	1.1	.7									100	100						
82/ 81			2.5	12.2	16.4	6.4	2.1											335	335						
80/ 79			5.6	8.5	5.7	1.8	.1											100	100						
78/ 77	.1	.6	3.1	3.0	1.2	.4												70	70	84	6				
76/ 75	.1	.8	1.8	.6	.1													20	20	370	65				
74/ 73		2.1	.5															22	22	335	191				
72/ 71		.2																2	2	117	264				
70/ 69																				25	200				
68/ 67																					78				
66/ 65																					25				
64/ 63																					16				
62/ 61																					1				
TOTAL	.2	3.8	13.5	28.7	33.7	14.1	1.3	.7										846	846	846					

Element (X)	Σx^2	Σx	Σy	Σy^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4624081	61448	72.7	8.3113	846	≤ 0 F	≤ 20 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	5532595	68345	87.8	2.385	846			84.0	83.8	68.2		88
Wet Bulb	9451529	62711	79.3	1.879	846			88.0	69.5			88
Dew Point	8285701	60173	71.1	2.622	846			70.0	74.7			88

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YEARS

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USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FF

PAGE 1 ~~1000-2000~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TO AL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81				.7	.7	.2												14	14						
80/ 79		.1	4.0	13.7	11.5	1.3												259	259						
78/ 77		2.5	17.3	17.0	9.7	.9	.1											396	396	1					
76/ 75		2.5	8.2	5.1	1.4													145	145	96	20				
74/ 73		2.0	1.1	.1	.5													31	31	376	127				
72/ 71		.1																1	1	302	244				
70/ 69																				56	254				
68/ 67																				14	153				
66/ 65																				1	27				
64/ 63																					17				
62/ 61																					4				
TOTAL		7.2	30.5	36.6	23.0	2.5	.1											846	846	846	846				

PSYCHROMETRIC SUMMARY

STATION NAME

74-83

YEARS

FEB
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

~~912180~~
STATION

ANDERSEN AFB

STATION NAME

7A-83

YEARS

—~~SECRET~~

PAGE 1

1954年 10月 1日

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87							.0											1	1						
86/ 85				.0	.0	.1												11	11						
84/ 83			.0	.9	2.4	1.3	.3	.1										337	337						
82/ 81			.6	3.9	5.6	2.8	.8											879	879						
80/ 79		.1	3.1	8.6	6.0	1.1	.1											1285	1295	6					
78/ 77	.0	2.1	12.9	12.9	6.5	.5	.5											2365	2365	155					
76/ 75	.1	3.8	17.2	5.1	1.8	.3												1430	1430	992					
74/ 73	.1	2.8	1.8	.7	.4	.0												398	398	2847					
72/ 71	.1	.6	.2	.0														59	59	1991					
70/ 69	.0	.0																3	3	624					
68/ 67																				119					
66/ 65																				32					
64/ 63																				1					
62/ 61																				45					
60/ 59																				11					
TOTAL	.3	9.4	28.8	32.0	22.7	5.7	.9	.1										6768	6768	6768					

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 0000-3200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79			1.1	2.8	.4													40	47					
76/ 77			3.6	18.6	24.1	8.3												526	507					
76/ 75			7.8	18.3	8.3	2.1												338	338	65	25			
74/ 73	.2	2.9	1.1	.4														43	43	424	164			
72/ 71		.2																2	2	325	327			
70/ 69																				111	250			
68/ 67																				3	143			
66/ 65																					59			
64/ 63																					1			
TOTAL	.2	14.4	39.1	35.5	11.8														929	930	929			

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~SECRET~~

PAGE 1 ~~0300-0530~~
~~Hours 11. P. 1.1~~

USAFETAC

PSYCHROMETRIC SUMMARY

912187
STATION

ANDERSEN AFB

74-83

YEARS

 MAY
MONTH

PAGE 1

0600-2840
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83						.1												1	1						
82/ 81				.1														1	1						
80/ 79			2.3	5.3	2.7	.4												27	97						
78/ 77			2.0	15.4	27.0	8.5	.8											434	434	1					
76/ 75	.1	7.3	17.4	8.8	2.5	.3												339	339	66	19				
74/ 73	.1	3.4	1.7	.6														55	55	378	128				
72/ 71		.2	.1															3	3	350	296				
70/ 69																				119	267				
68/ 67																				14	153				
66/ 65																				2	51				
64/ 63																					12				
62/ 61																					2				
60/ 59																					2				
TOTAL	.2	13.0	36.7	34.8	13.7	1.6												930	930	930	930				
		</																							

PSYCHROMETRIC SUMMARY

912180 STATION ANDERSEN AFB STATION NAME

74-83

YEARS

~~MA~~
MONTANA

PAGE 9

~~NO. 15~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
88/ 87							.1											1	1																	
86/ 85						.1												1	1																	
84/ 83		.1		1.2	2.3	.9	.4											45	45																	
82/ 81		.1	1.2	9.9	14.9	5.1	1.1											100	100	1																
80/ 79		.4	6.9	21.5	10.5	2.6	.1											341	391	1																
78/ 77	.1	2.0	6.3	4.5	1.0	.1												131	131	40																
76/ 75		1.5	2.5	.8														44	44	357	56															
74/ 73		1.0	.5	.1														15	15	461	169															
72/ 71		.1	.1																	142	347															
70/ 69																				25	169															
68/ 67																				3	93															
66/ 65																					26															
64/ 63																					4															
62/ 61																					2															
TOTAL	.1	5.3	17.5	38.7	28.7	8.7	1.7											930	930	930	930															

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5296004	69818	75.1	7.663	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5927477	74224	79.8	1.968	930			93.0	92.8	58.9		93
Wet Bulb	5070974	68656	73.8	1.653	930			93.0	76.0	.2		93
Dew Point	4711615	66157	71.1	2.418	930			89.5	25.6	.1		

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MAR
MONTH

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USAFETAC FORM 0-26-5 (OLA) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

912183 ANDERSEN AFB
STATION STATION NAME

74-93

YEARS

PAGE 1 ~~SECRET~~

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912180
STATION

ANDERSEN AFB

74-83

MAR

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85				.1														1	1					
84/ 83							.1											1	1					
82/ 81			.1	1.0	.9	.1												19	19					
80/ 79		.5	3.9	17.3	9.5	1.0												299	299	2				
78/ 77		2.5	18.0	22.8	9.5	.5												495	495	6				
76/ 75		3.2	5.4	2.3	.4													105	105	98				
74/ 73	.2	.5	.2															9	9	496				
72/ 71		.1																1	1	269				
70/ 69																				58				
68/ 67																				1				
66/ 65																								
64/ 63																								
TOTAL	.2	6.9	27.5	43.4	27.2	1.6	.1											930	930	930				

PSYCHROMETRIC SUMMARY

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PAGE 1 ~~2100-2300~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79		.1	3.6	5.1	2.2													101	102				
79/ 77	-.1	3.8	2.0	7.2	9.8	1.0	.4											610	612	4	1		
76/ 75		3.5	12.7	4.4	1.7													200	200	96	20		
74/ 73	-.1	1.3	.2	.1														16	16	440	139		
72/ 71																				319	323		
70/ 69																				76	254		
68/ 67																				2	143		
66/ 65																					45		
64/ 63																					2		
TOTAL	-.2	6.6	37.2	39.4	14.1	.4													927	927	927		

PSYCHROMETRIC SUMMARY

MAR
NOV 74

HOURS (L.S.T.)

SEX

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WOMEN

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**APR
MONTH**

YEARS

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0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912180 STATION ANDERSEN AFB STATION NAME 74-83 YEARS APR MONTH

PAGE 1 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
84/ 83				.2	.1	.1												4	4															
82/ 81			.8	3.9	1.8	.2												60	60															
80/ 79		.3	10.4	9.4	5.6	.1												233	233															
78/ 77		4.9	18.1	13.0	4.2	.2	.1											373	373	14	2													
76/ 75	.4	6.9	11.8	4.1	.4	.1												214	214	241	77													
74/ 73	.2	.8	.7	.1														14	14	188	245													
72/ 71																				213	281													
70/ 69																				37	182													
68/ 67																				3	93													
66/ 65																				2	13													
64/ 63																					2													
62/ 61																					3													
60/ 59																					1													
TOTAL	.7	12.9	41.8	31.7	12.1	.8	.1											900	900	900	900													
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	5930486		72776		80.9		7.126		900		10 F		132 F		67 F		73 F		80 F		93 F		Total											
Dry Bulb	5889880		70014		77.8		1.783		900						90.0		90.0		16.4				90											
Wet Bulb	4856357		66093		73.8		1.735		900						89.8		68.5						90											
Dew Point	4508880		64288		71.8		2.400		900						88.7		72.4						90											

PSYCHROMETRIC SUMMARY

912180 ANDERSEN AFB
STATION STATION NAME

74-83

YEARS

APR
MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 87						.1													1	1			
96/ 85				.1	3.2	3.7	.1												58	58			
84/ 83			.2	5.6	10.2	3.7	.8												184	184			
82/ 81		.4	2.0	4.3	11.7	3.1	.1												282	282			
80/ 79		.8	9.7	13.4	5.9	.4													272	272	14	3	
78/ 77		2.7	3.9	2.7	.3	.2	.1												83	83	150	20	
76/ 75		1.8	.4																20	20	382	120	
74/ 73																					304	323	
72/ 71																					43	238	
70/ 69																					6	148	
68/ 67																					1	37	
66/ 65																						8	
64/ 63																						2	
62/ 61																						1	
TOTAL		5.7	16.2	35.1	31.6	1.1													900	900	900	900	

Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5108524	67838	74.9	7.600	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5923666	72988	81.1	2.238	900			90.0	90.0	67.9		90
Wet Bulb	5060809	67471	75.2	1.720	900			90.0	85.0	.6		90
Dew Point	4715981	65115	72.4	2.333	900			88.9	86.6			90

PSYCHROMETRIC SUMMARY

74-83

YEAR

ADP
MST

PAGE : ~~1220-2448~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87				.1	.2	1.2	.4											18	18					
86/ 85				.7	6.3	9.0	.4	.1										140	140					
84/ 83			.7	4.9	17.2	7.4	.7	.2										280	280					
82/ 81		.3	3.6	13.3	11.3	1.7	.3											275	275					
80/ 79		.9	5.6	6.2	2.1	.4												137	137	21	6			
78/ 77	-1	1.2	1.3	.3														27	27	220	20			
76/ 75		.7	.4	.2														12	12	411	149			
74/ 73		.1		.1														2	2	208	328			
72/ 71																				27	238			
70/ 69																				5	120			
68/ 67																					26			
66/ 65																					11			
64/ 63																					2			
TOTAL	-1	3.2	11.6	25.0	37.2	19.8	1.9	.3										900	900	900				

USAFETAC FORM NO. 26-5 (OL A) SERVICE REFERENCE EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
1964

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
88/ 87							.7	.1										3	3																
86/ 85					.3	2.4	4.4											65	65																
84/ 83				.6	5.3	12.2	4.3	.2										204	204																
82/ 81			2.1	13.0	15.3	2.9	.3											303	303																
80/ 79		.6	8.6	12.2	4.1	.4	.1											234	234	9	1														
78/ 77		1.6	4.3	1.7	.7													74	74	143	13														
76/ 75		1.1	.4	.1														15	15	398	116														
74/ 73	.1	.1																2	2	309	268														
72/ 71																				33	295														
70/ 69																				7	149														
68/ 67																				1	28														
66/ 65																					9														
64/ 59																					1														
TOTAL	.1	3.3	16.0	32.7	34.8	12.3	.8											900	900	900	900														
																					</														

PSYCHROMETRIC SUMMARY

~~APR~~
MONTH

PAGE 1 ~~1000-2000~~
HOURS 1. 5. 7. 9

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912160
STATION

ANDERSEN AFB

STATION NAME

74-87

YEARS

ADG
MONTH

PAGE 1 214-2320
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
87/ 81			.1	.7	.2													9	9					
97/ 79		1.3	12.9	23.2	4.4	.1												351	751					
78/ 77		4.6	27.4	12.9	4.6	.3												385	385	71				
76/ 75		5.6	7.2	2.3	.2													135	135	223	79			
74/ 73	.4	.8	.4															15	15	450	243			
72/ 71	.1	.2	.2															5	5	191	316			
77/ 69																				24	188			
68/ 67																				1	51			
66/ 65																					17			
TOTAL	6.1	2.4	1.3	35.8	9.4	.4												970	200	970	920			

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24-27

YEARS

A.D.
MONTI

PAGE 1

HOURS 4 1/2 P. M.

0.26-5 (OLA)

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 510187 ANDERSEN AFB STATION NAME 74-ET YEARS MAY MONTH

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
84/ 82				.1	.2	.1												5			5														
82/ 81			2.3	3.3														57			57														
80/ 79			7.3	21.7	17.2	4.4	.1											435			435			1											
78/ 77			9.5	18.1	8.4	1.1												344			344			93	22										
76/ 75	.3	4.4	3.2	.4														78			78			340	199										
74/ 73	.1	1.7	.1															11			11			356	343										
72/ 71																								26	232										
70/ 69																							4	1.7											
68/ 67																									24										
66/ 65																																			
TOTAL	.4	18.2	45.9	29.5	5.8	.2																													

Element (X)	Σ X ²	Σ X	X	°F	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6404796	76948	82.7	6.8	937	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	57317.7	72996	78.9	1.5	937			93.0	93.0	24.6		93
Wet Bulb	51674.9	69308	74.5	1.5	937			93.0	83.0			93
Dew Point	49396.1	67749	72.8	2.1	937			92.7	56.4			93

PSYCHROMETRIC SUMMARY

91182 ANDERSEN AFB
STATION STATION NAME

74-63

YEARS

2005

PAGE 1 ~~0300-0500~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
41 83					.7													3		3				
52 81		.2	1.5	.5	.1													17	17					
61 79		2.4	19.4	13.2	2.2	.2												347	347	2				
74 77		17.4	23.5	11.4	3.1													423	423	59	10			
76 75	.1	5.9	6.6	.5														122	122	341	179			
74 73	.3	1.4	.2															10	10	403	316			
77 71																				114	271			
77 69																				11	116			
68 67																					4			
66 65																					4			
TOTAL	.42	3.47	6.25	.7	5.7	.2												930		930	930			

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6494175	77487	83.3	6.396	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5660963	72545	78.0	1.492	930			93.0	93.0	13.5		93
Wet Bulb	5125882	69029	74.2	1.598	930			93.7	80.5			93
Dew Point	4902833	67495	72.6	2.168	930			92.6	52.5			93

PSYCHROMETRIC SUMMARY

DAY
MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
44/ 83			.4	1.6	.4													25	23						
82/ 81			4.3	9.2	2.3	.4												148	148						
86/ 79			2.7	18.1	17.7	4.0	.4											399	399						
78/ 77			7.3	15.3	5.9	1.4												276	276	100	24				
74/ 75	.3	4.3	2.9	.4														71	71	362	194				
74/ 73	.2	.9	.1															11	11	366	336				
72/ 71																				73	251				
70/ 69																				4	88				
68/ 67																					34				
66/ 65																					3				
TOTAL	.5	14.8	40.8	34.9	9.1	.9												930	930	930	230				

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE ' 127-1466
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
95/ 89							.1											1	1						
96/ 87				.1	1.2	1.7												28	28						
96/ 85		.2	.1	2.6	13.2	7.7	.9											229	229						
94/ 83			1.4	12.4	18.3	5.3	.8											334	354	2	2				
87/ 81			5.7	14.3	3.9	.3												225	225	5					
80/ 79		1.0	3.4	1.7														57	57	84	5				
75/ 77	.1	1.7	1.2	.1														27	27	372	74				
76/ 75	.2	.2	.4															8	8	370	292				
74/ 73																				91	323				
72/ 71																				3	177				
71/ 69																					57				
68/ 67																					8				
TOTAL	.3	3.1	12.1	31.2	37.2	14.3	1.7											929	929	929	929				

PSYCHROMETRIC SUMMARY

24-23

YEARS

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PAGE 1 ~~1500-1730~~
~~1000-1730~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 87				.1	.4	.5	.3											13	13					
86/ 85			.1	1.3	6.1	2.9	.5											102	102					
84/ 83			.8	12.5	12.7	4.3	.2											283	283					
82/ 81		.2	6.6	10.6	8.8	1.3												330	330	2				
80/ 79		1.4	6.2	6.7	.9													141	141	46	4			
78/ 77	.1	2.3	1.1	.4														36	36	315	55			
76/ 75	.2	1.1	.3															15	15	397	255			
74/ 73																				161	328			
72/ 71	.1																	1	1	9	200			
70/ 69																					76			
68/ 67																					12			
TOTAL	.4	4.9	15.1	40.5	28.9	9.0	1.1												930	930				

Element (X)	Z _X ¹	Z _X	I	° _A	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5309765	60047	75.2	7.257	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6274962	76368	82.1	2.260	930			93.0	92.0	83.3		93
Wet Bulb	5377033	70699	76.1	1.629	930			93.0	92.1	1.0		93
Dew Point	5026138	68180	71.5	2.130	930			93.0	64.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912187
STATION

ANDERSEN AFB

STATION NAME

74-82

YEARS

 MAY
MONTH

PAGE 1 16CC-2100
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85						.3												4	4					
84/ 83				.3	1.8	.8												27	27					
82/ 81			.1	6.5	16.5	4.7	1.7											267	267					
80/ 79			2.6	18.3	19.6	5.7	.9											437	437	4				
78/ 77			3.5	11.8	2.7	.7												161	161	153				
76/ 75	.3	1.5	.9	.4														29	29	410				
74/ 73		.5																5	5	314				
72/ 71																				49				
70/ 69																				3				
68/ 67																				38				
66/ 65																				31				
TOTAL	.3	8.3	36.7	41.7	11.6	2.2												930	930	930				
																		930	930					

PSYCHROMETRIC SUMMARY

74-93

YEARS

1997

PAGE 1 ~~2126-2349~~
~~10436-1349~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
86/ 85							.1											1	1									
84/ 83					.3	.2												5	5									
82/ 81			.3	5.3	8.1	.1												127	127									
80/ 79			3.4	26.2	19.8	6.7	.2											468	468	5								
78/ 77			8.0	17.2	4.9	.5												285	285	125	27							
76/ 75	.4	2.8	1.2															41	41	376	239							
74/ 73		.2																2	2	365	346							
72/ 71		.1																1	1	57	227							
70/ 69																					98							
68/ 67																					27							
TOTAL	.4	14.8	43.9	33.0	7.5	.3												930		930								
																						930		930				
																								</				

PSYCHROMETRIC SUMMARY

74-83

YEARS

 MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
89/ 89							.0											1	1					
88/ 87				.0	.2	.3	.2											48	48					
86/ 85		.0	.0	.7	3.4	1.7	.2											449	449					
84/ 83		.0	.6	5.4	5.5	1.7	.1											990	990		2			
82/ 81		.2	4.9	11.3	3.7	.5	.1											1534	1534	10	2			
80/ 79		2.3	14.2	12.6	3.1	.2												2414	2414	203	16			
78/ 77	.0	5.6	10.6	4.2	.5													1581	1581	1571	303			
76/ 75	.3	2.6	1.9	.2														373	373	3026	1790			
74/ 73	.1	.5	.1															47	47	2199	2679			
72/ 71	.0	.0																2	2	476	1759			
70/ 69																				22	693			
68/ 67																					163			
66/ 65																					12			
TOTAL	.4	11.2	32.3	34.5	16.7	4.5	.4											7439	7439	7439	7439			

USAFETAC
FORM
0-20-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

910185 STATION ANDERSEN AFB STATION NAME 74-83 YEARS JAN MONTH

PAGE 1 CODE 0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
84/ 83			.1	.8	.5													16	16																	
82/ 81		.1	3.9	4.6	1.3													89	89																	
87/ 79		3.3	3.3	18.1	4.1	.1												528	528	8																
78/ 77		5.3	15.4	2.1														206	206	106	21															
76/ 75	.1	3.7	1.4															47	47	453	213															
74/ 73	.1	1.4																14	14	225	4.6															
72/ 71																					27	192														
70/ 69																					1	64														
68/ 67																																				
66/ 65																																				
TOTAL	.213	.953	.925	.6	6.3	.1												900	900	600	900															

Element (X)	Z ₁	Z ₂	X	Y	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	616.373	74215	82.6	5.827	900	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	56287.3	71159	79.1	1.666	900			90.0	90.0	36.0	
Wet Bulb	5060350	67474	75.1	1.395	900			90.0	87.2		
Dew Point	8881808	65992	73.3	1.820	900			89.0	64.0		

YEARS

JUN
MONTH

PAGE 1 2300-0500
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
66/ 85				.3	.7	.1												7	7														
64/ 82			.4	3.1	1.4	.2												47	47														
72/ 61			7.2	11.3	4.6	.0												210	217														
60/ 79		2.0	26.0	13.7	2.6													368	398														
78/ 77		5.0	13.2	1.7	.7													181	181	152	27												
78/ 75		3.3	1.4	.2														45	45	445	211												
74/ 73	.1	.8	.3															11	11	267	391												
72/ 71		.1																1	1	24	181												
71/ 69																				3	14												
66/ 67																																	
65/ 65																																	
TOTAL		111	248	734	3	9.1	.6											900	900		211												

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5999383	71278	61.4	6.111	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5698919	71595	79.6	1.283	900			90.0	89.9	48.6		90
Wet Bulb	5087940	67656	75.2	1.496	900			90.0	87.3	.1		90
Dew Point	4852986	66068	73.8	1.829	900			89.9	64.0			90

USAFETAC FORM 0-26-5 (OL A) JUL 64
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

2

1

74-83

YEARS

 MONTH

PAGE 1

2900-11.0
HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA) DIVISION HEADQUARTERS OF THIS FORM ARE OBSOLETE
AIR 64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

910160

ANDERSON AFB

74-67

YEARS

MONTH

DATE

10-14-77

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
87/ 89							.4	.7										6	6																
86/ 87					.1	.3	.7	.2										278	206																
84/ 83				.1	.2	.7	.3	.2	.1									347	347																
82/ 81		.2	.6	.7	.1	.1												165	169																
80/ 79		.6	.4	.2	.2	.7												48	48	133															
78/ 77		1.0	1.7	.3	.1													75	50	442	46														
76/ 75		2.0	.8															1	21	244	76														
74/ 73	.1	.2																3	3	46	715														
72/ 71		.2																2	2	3	114														
70/ 69																					14														
68/ 67																					1														
TOTAL	.1	4.2	14.8	33.3	29.6	16.6	1.7											609		432															

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	5132425	66987	74.4	7.167	900			93.0	89.6	82.2		90
Dry Bulb	525325	74982	83.3	2.637	900			93.0	89.6	82.2		90
Wet Bulb	5327318	69213	76.9	1.489	900			93.0	89.6	7.0		90
Dew Point	4976736	66982	74.3	1.732	900			93.0	77.1			90

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

MONTH

PAGE 3 15-1752
HOURS (L, S, T)

USAFETAC FORM 0.26.5 (OL A) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

74-63

YEARS



PAGE 1 ~~186-276~~
~~Pages 1-574~~

USAFETAC
FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

91218
STATION

ANDERSEN AFB

74-83

1944
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
64/ 83			.4	2.2	1.9													40	41							
67/ 81			5.4	9.4	2.9	.1												167	167							
67/ 79			3.0	32.9	18.9	2.5												516	516	9						
79/ 77			3.4	2.4	1.3	.1												129	129	140	24					
76/ 75			4.1	1.3														49	49	496	227					
74/ 73			.7															6	6	242	432					
70/ 71																				14	157					
70/ 69																					57					
68/ 67																					3					
TOTAL	11.2	49.6	31.9	7.2	.1													900	900	900	900					

2

15

24-93

YEARS

PAGE 1

HOURS 4 1/2 P. M.

11

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

912187 ANDERSEN AFB
STATION STATION NAME

74-83

YEARS

 MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83			.3	1.1	.2													15	15					
82/ 81			.111.2	8.3	.2	.2	.3											193	193					
80/ 79			4.229.7	9.5	1.0													412	412	6	1			
78/ 77			9.513.1	2.0		.3	.1											233	233	212	35			
76/ 75	.1	3.7	3.3	.2														68	68	473	341			
74/ 73		.4	.4															6	9	124	309			
72/ 71																				35	142			
70/ 69																				5	39			
68/ 67																				4	5			
64/ 63																					3			
62/ 61																					4			
TOTAL	.117.957.921.1	2.0	.5	.4															929	929	929			
																	</							

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

911180 STATION ANDERSON AFB STATION NAME 74-83 YEARS MONTH JUL

PAGE : 0000-1000
HOURS Y. 2.1.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
99/ 97					.1	.0												5		5																
86/ 85			.4	1.6	3.5	.5		.4										60		60																
74/ 83			4.9	23.2	7.2	.6	.1	.0										341		341																
82/ 81			313	518	3	3.2												329		329		4														
81/ 79		1.9	9.2	2.4	.1													117		117	102	3														
78/ 77		2.7	2.0															44		44	451	124														
76/ 75	.1	2.3	.8															29		29	294	794														
74/ 73		.2	.3															5		5	64	797														
72/ 71																					13	95														
70/ 69																					5	11														
69/ 67																																				
66/ 65																																				
64/ 63																																				
62/ 61																																				
TOTAL	.1	7.43	2.245	.414	.2	1.6	.1	1.0										930		930		930														

Element (X)	Σ x'	Σ x	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5788366	73002	78.6	6.848	930	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6246213	76151	81.9	2.263	930			93.0	93.0	81.3		93
Wet Bulb	5477826	71358	76.7	1.672	930			93.0	91.5	2.1		93
Dew Point	518339	69803	75.6	2.072	930			92.1	82.3	1		93

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^1	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5788066	73093	78.6	6.843	930	≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6246213	76151	81.9	2.263	930			93.0	93.0	81.3		93
Wet Bulb	5477826	71358	76.7	1.672	930			93.0	91.5	2.1		93
Dew Point	5183319	69803	76.6	2.072	930			92.1	82.3	1		93

MONTH

PAGE 1 1225-1450
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ANDERSEN AFB STATION NAME 74-83 YEARS 1944

PAGE 1 1944-1946
MONTHS 1, 2, 3, 4

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
89/ 89																																			
88/ 87																																			
86/ 85																																			
84/ 83																																			
82/ 81																																			
80/ 79																																			
78/ 77																																			
76/ 75																																			
74/ 73																																			
72/ 71																																			
70/ 69																																			
68/ 67																																			
66/ 65																																			
64/ 63																																			
62/ 61																																			
TOTAL																																			

Element (X)	Σx^1	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5582898	71738	77.1	7.277	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	
Dry Bulb	6282972	76412	82.2	2.289	930			93.0	93.0	80.1		63
Wet Bulb	5458072	71230	76.6	1.629	930			93.7	91.3	1.3		93
Dew Point	5180485	69113	74.3	2.168	930			91.9	79.9			93

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 912167 ANDERSEN AFB STATION NAME 74-27 YEARS MONTH PAGE 1 1966-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
95/ 95						.1																															
94/ 83			.4	4.1	1.2	.1	.1	.1	.1																												
87/ 81			14.5	21.3	4.1	.5	.1																														
80/ 79		1.4	22.6	17.5	1.1	.2	.1																														
77/ 77		5.2	6.8	.9	.2																																
76/ 75		2.6	.9	.1																																	
74/ 73		.3	.2																																		
72/ 71																																					
70/ 69																																					
68/ 67																																					
66/ 65																																					
64/ 63																																					
62/ 61																																					
60/ 59																																					
TOTAL	9.5	45.3	36.9	6.8	.7	.9	.7	.1																													

Element (X)	ΣX^1	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Num.	6276612	7491	80.6	6.419	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	5970531	74457	80.1	1.795	929			93.0	93.0	65.1		93
Wet Bulb	5306707	70199	75.6	1.535	929			92.9	92.9			93
Dew Point	5089546	68468	73.7	2.078	929			91.8	78.1			93

USAFETAC FORM 34-1 JUL 64 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

917191 ANDERSEN AFB 74-83
STATION STATION NAME YEARS MONTH

PAGE: ~~21-23~~
WORKSHEET: 6, 7, 8

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
44/ 73					.1	.5																												0	0		
42/ 71			.21	.4	9.2	.6	.2	.6																									160	160			
40/ 74			2.733	8.13	7	.6		.7	.2																								478	478	7		
38/ 77			6.312	2.2	2.2	.1		.2																									164	164	101	33	
36/ 75			3.7	1.5																														48	48	444	303
34/ 73			.2																																2	2	197
32/ 71																																				17	145
30/ 69																																				7	34
28/ 67																																				5	4
26/ 65																																					
24/ 63																																					
22/ 61																																					
20/ 59																																					
18/ 57																																					
TOTAL		12.958	225.9	1.5	.2	1.1	.2																											930		970	

PSYCHROMETRIC SUMMARY

912167
STATION

ANDERSEN AFB

74-87

YEARS

MONTH

F A S I

ALL
HOURS I. L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
8 / 83							.3												37	37														
6 / 85			.1	.9	2.4	.7		.1	.1										375	735														
4 / 83		.0	1.7	1.0	4.0	.4	.1	.1	.0										1022	1022														
2 / 81		.2	8.8	1.9	1.0	.1	.2	.1											1632	1637	7													
1 / 79		2.6	2.8	7.3	.5	.1	.1	.1											2447	2467	354	15												
7 / 77		6.2	9.6	1.5	.1	.1	.1												1311	1711	2236	505												
7 / 75	.	3.1	1.9	.1															370	378	3378	2721												
7 / 73	.0	.3	.2																33	33	1205	2867												
7 / 71																					174	997												
7 / 69																					34	721												
6 / 67																					1	35												
6 / 65																					1	1												
4 / 63																						35												
2 / 61																						24												
1 / 59																						1												
1 / 57																						1												
TOTAL	.112	.444	.733	.8	9.2	1.7	.3	.1	.1										7478		7438	7435												

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	42121512	62182	81.7	7.341	7438	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	48357023	507587	80.7	2.502	7430			744.0	744.7	456.4		744
Wet Bulb	42786392	563487	75.8	1.762	7433			743.6	720.1	7.1		744
Dew Point	40758740	550376	74.3	2.125	7438			736.8	611.1	.2		744

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

STATION 010180 ANDERSEN AFB STATION NAME 74-63 YEARS 6 MONTH 1966

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6816222	70412	65.4	6.146	93	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5716613	72894	78.4	1.236	93			63.7	92.8	26.4		93
Wet Bulb	5248981	69889	75.1	1.758	93			92.7	87.2			93
Dew Point	5057600	68580	73.7	2.222	93			62.5	60.2			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

61-147 ANDERSEN AFB

74-63

Ali:

STATION

STATION NAME

YEARS

ALL MONTH

DATE

1301-2503
HOURS (L.S.T.)

USAFETAC
FORM
JAN 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ISAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91187 STATION ANDERSON AFB STATION NAME 74-83 YEARS 4-11 MONTH

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85					.1													1	1																
84/ 82			.3	2.5														26	27																
82/ 81		.3	9.4	6.1	.8			.1										112	152																
80/ 79		5.6	21.5	8.2	.7	.1												327	327	9															
78/ 77		12.8	13.3	3.9	.7		.2											253	283	223	5														
76/ 75	.1	8.9	3.3	1.7	.4													126	128	465	337														
74/ 73		.6	.4															10	10	277	312														
72/ 71		.1																1	1	47	143														
70/ 69	.1																	1	1	1	53														
68/ 67																					4														
66/ 65																					4														
64/ 63																					2														
62/ 61																					1														
60/ 57																					1														
TOTAL		.220	.447	.921	.4	1.7	.1	.2	.1										9311		929														

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6655692	78618	84.6	6.416	920	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5765269	73197	78.7	2.273	930			93.0	92.8	33.9		93
Wet Bulb	5258444	69572	75.2	1.965	929			92.8	86.7	.2		93
Dew Point	5057721	68513	73.7	2.308	929			92.1	71.0			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

JSAFETAC FORM JUN 64

GLOBAL CLIMATOLOGY BRANCH
C/AFETAC
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

612180
STATION

ANDERSEN AFB

STATION NAME

74-67

YEARS

ALL
MONTH

PAGE 1

1400-111
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
89					.1	.1	.1																
87					.1																		
85				.1	2.4	6.5	1.2		.1										6	7			
83				6.1	15.2	7.5	.3		.2										213	203			
81			.2	16.4	14.4	2.1	.2												309	709	2		
79		.3	4	1.4	3.4	.2	.1												126	126	114		
77		.3	2	3.8	1.6	.7													83	83	423		
75		.2	2	1.1	.3														37	37	276		
73		.5	.1																6	5	43		
71																					23		
69																					8		
67																							
65																							
63																							
TOTAL		8.5	33.9	37.8	17.4	1.9	.1		.3										929	931	929		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	
Rel. Hum.	58481.3	73439	79.1	6.778	929							
Dry Bulb	6208808	75957	81.7	2.589	931			93.0	93.7	76.7		93
Wet Bulb	5458690	71190	76.6	1.998	929			93.7	89.9	2.9		93
Dew Point	5170679	69277	74.6	2.222	929			92.8	79.8	.2		93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912180 STATION ANDERSEN AFB STATION NAME 74-63 YEARS ALLG MONTH

PAGE : ~~1250-143~~
1250-143

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
67/ 89				.2	.2	.1												5	5							
67/ 87				.1	1.4	1.0	.6		.1	.2								31	31							
67/ 85			.4	3.3	3.2	2.8	.1											191	191							
67/ 83		.1	3.8	19.7	9.1	.2												346	306	5	1					
67/ 81		.1	7.6	10.2	2.2	.1												192	192	7	2					
67/ 79		2.3	6.5	2.3	.3													61	61	149	12					
70/ 77	.1	2.6	2.4	1.4	.1													61	61	433	145					
76/ 75	.3	2.4	1.4	.3														41	41	238	369					
76/ 73	.1	.5	.1															7	7	68	239					
77/ 71		.2																2	2	27	199					
77/ 69																				4	2					
68/ 67																										
66/ 65																										
62/ 61																										
TOTAL	.5	9.5	21.9	37.3	27.1	4.2	.6	.1	.2									930	930	930	930					

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	56254.42	72402	77.4	7.468	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		
Dry Bulb	63282.7	76681	82.4	2.979	930			93.0	92.8	77.5		93	
Wet Bulb	54995.83	71493	76.9	1.973	930			93.0	89.8	8.5		93	
Dew Point	51866.02	69820	75.1	2.258	930			92.6	78.9	7		93	

2

1

93

AJC
MONTANA

PAGE 1 154-174
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

YEARS

MINI

PAGE 1 ~~100-2220~~
~~FOIA b 7, D~~

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

917187
STATION

ANDERSEN AFB

STATION NAME

74-83

YEARS

ALL
MONTH

PAGE : 2100-2300
HOURS (L-S-I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93				.6	1.3	.1												19	19					
92/ 81			.5	.4	.2	7.5	.5											152	152					
87/ 79			5.8	23.5	11.4	.5												3.4	384	13				
79/ 77		.2	12.5	12.9	3.4	.1												271	271	215	56			
75/ 75	.1	6.8	2.2	1.2														95	95	418	339			
74/ 73		.6	.2	.1														9	9	244	3.3			
72/ 71																				37	176			
71/ 69																				3	49			
62/ 67																				1	4			
66/ 65																					3			
TOTAL		.326	.247	.424	.7	1.3												939	937	939	951			

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ANDERSEN AFB STATION NAME 74-83 YEARS AUG MONTH 1961

PAGE 1 HOURS (C, F, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
89 / 89																			9	9															
88 / 87																			52	54															
86 / 85																			398	368															
84 / 83																			975	976															
82 / 81																			1524	1524															
80 / 79																			2052	2052															
78 / 77																			1633	1633															
76 / 75																			730	700															
74 / 73																			98	98															
72 / 71																			5	5															
70 / 69																			2	2															
68 / 67																																			
66 / 65																																			
64 / 63																																			
62 / 61																																			
60 / 59																																			
58 / 57																																			
TOTAL																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

912180
STATION

ANDERSEN AFB

STATION NAME

7-2-8

YEARS

5 MONTH

PAGE 4

CONFIDENTIAL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83				.1														1	1					
82/ 81		.3	4.5	2.2	1.2	.7	.2											84	84					
80/ 79		5.7	24.3	11.5	.7	.7	.3	.										390	390	11	2			
78/ 77	.2	12.2	13.8	6.9	.7		.2											302	302	129	36			
76/ 75	.4	7.8	2.2	.9			.1											103	103	414	26			
74/ 73	.1	.9	.7	.2														17	17	270	304			
72/ 71																			53	187				
70/ 69																			19	7				
68/ 67																			2	13				
66/ 65																			5	7				
64/ 63																				1				
62/ 61																				4				
60/ 59																				2				
58/ 57																				4				
TOTAL	.8	26.9	45.5	21.9	7.8	1.1	.9	.3											897	897	897			
																			897	897				

Element (X)	$\Sigma H'$	ΣH	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6361997	75239	83.9	7.549	897	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5523749	70373	78.5	1.742	897			97.0	90.0	28.6		92
Wet Bulb	5020548	67186	74.8	1.900	897			89.4	82.0			92
Dew Point	4812226	65656	73.2	2.699	897			88.2	60.6			92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91218.1 ANDERSEN AFB
STATION STATION NAME

73-82

YEARS

MINI

PAGE 1 ~~4370-0500~~
HOURS 11.5.57

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
77/ 81			.3	1.2	1.9	.4												34	34				
67/ 79			5.8	19.2	8.2	.3	.0	.2	.1									110	113	5	2		
78/ 77		.4	14.4	15.5	7.9	.7	.2	.0										374	354	173	35		
76/ 75		.4	11.8	4.6	2.1	.1												162	162	355	238		
74/ 73		.4	1.9	1.3	.3													36	36	318	318		
72/ 71				.1														1	1	77	190		
7/ 69																				73	73		
68/ 67																				5	71		
66/ 65																				5	17		
64/ 63																					2		
62/ 61																					1		
60/ 59																					0		
58/ 57																					0		
56/ 55																					0		
TOTAL	1.3	33.2	41.7	25.4	1.1	1.1	.4	.2	.1									897	897	897	897		

Element (X)	Σ X ²	Σ X	X	°X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6522347	76179	84.9	7.650	897	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5436211	69811	77.8	1.770	897			90.0	89.9	17.3		94
Wet Bulb	4976144	66786	74.5	2.005	897			89.4	78.4			90
Dew Point	4780222	65434	72.9	2.789	897			97.7	68.7			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

PSYCHROMETRIC SUMMARY

912187 STATION ANDERSON AFB STATION NAME 73-87 YEARS 1987 MONTH SEP

PAGE 1 1600-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83				.3	1.5								.1			.1																	18	18			
82/ 81				.4	7.6	6.7	1.9						.1																				150	150			
80/ 79	.1	5.	19.8	8.9	1.2			.3	.3	.2	.1																						323	323	15	4	
78/ 77	.6	12.	111.5	4.1	.4	.6	.3																										245	245	175	53	
76/ 75	.1	7.7	4.1	1.5																													122	122	367	269	
74/ 73	.3	.7	.9	.1																													18	18	256	249	
72/ 71																																				48	17
70/ 69																																				22	66
68/ 67																																				9	17
66/ 65																																				4	6
64/ 63																																					
62/ 61																																					
60/ 59																																					
58/ 57																																					
56/ 55																																					
TOTAL	1.	125.	944.	123.	1	3.6	.9	.9	.2	.2																							846	806	846		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6320498	74234	63.6	7.743	896	≤ 10 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	5545311	70464	78.6	2.766	896			90.0	90.0	32.6		5
Wet Bulb	5030257	67109	74.9	2.87	896			82.6	61.7	.3		91
Dew Point	4619044	65662	73.3	2.817	896			67.8	62.4	.1		91

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

91165 ANDERSEN AFB 73-8 12

PAGE 1

[illegible]

Element (X)	Z _x '	Z _x	R	r _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	55448.15	70.67	78.2	7.657	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	51151.3	735.13	81.8	2.461	899			57.3	90.0	75.2		223
Wet Bulb	32614.23	68753	76.5	1.942	899			92.6	86.6	2.3		2
Dew Point	89697.39	666.15	74.3	2.461	899			56.1	73.3			11

STATION ANDERSON AFB STATION NAME 74-8 YEARS 150 MONTH 12

PAGE 1 HOURS 14 MINUTES 14

USAFETAC
FORM
AN 44
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 41-150 ANDERSEN AFB STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B. Dry Bulb		TOTAL Wet Bulb Dew Point	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1 / 89																																			
24 / 87																																			
1 / 85																																			
24 / 83																																			
1 / 81																																			
1 / 79																																			
24 / 77																																			
24 / 75																																			
24 / 73																																			
24 / 71																																			
1 / 69																																			
24 / 67																																			
1 / 65																																			
24 / 63																																			
1 / 61																																			
1 / 59																																			
TOTAL																																			

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	
Rel. Hum.	5411431	62413	77.1	8.26	960							
Dry Bulb	631472	73646	81.8	2.426	960			90.0	89.9	75.1		
Wet Bulb	5234628	68618	76.2	1.267	960			90.0	86.9	1.4		
Dew Point	4927320	66556	74.0	2.458	960			88.7	68.2	1		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

0208
STATION

ANDERSEN AFB

STATION NAME

73-62

YEARS

574

MONTH

PAGE 7

1972-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
87/85				.4	2.4	1.2												1																	
87/83																		41	41																
87/81			1.0	11.3	15.0	6.1	.5	.4	.2	.1								320	320																
87/79	.1	4.7	17.6	3.3	1.2	.1												335	335	23	4														
87/77	.3	7.7	5.9	3.1	.7													155	155	228	59														
87/75	.7	2.3	1.4	.4														40	40	390	233														
87/73		.7	.4															7	7	211	273														
87/71			.1															1	1	32	18														
87/69																				11	25														
87/67																					1														
87/65																					5														
87/63																					5														
87/61																					5														
87/59																					5														
87/57																					5														
TOTAL	.7	16.0	37.2	35.1	4.2	.8	.6	.7	.1												2														
																					2														

Element (X)	Σ x ¹	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5964979	72247	61.1	7.639	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5737592	71844	79.8	1.373	900			90.7	83.9	56.1		230.7
Wet Bulb	5115576	67432	75.4	1.273	900			89.8	85.2	.2		175.2
Dew Point	4867123	66143	73.5	2.611	900			88.4	62.8			151.2

PSYCHROMETRIC SUMMARY

MONTH

PAGE 1 ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 512185 ANDERSEN AFB STATION NAME 73-82 YEARS 1951 MONTH 03

PAGE 1 0300-2200 HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
84/ 83				.1															1	1							
82/ 81			.4	.9	.8	.5	.1	.6	.1										140	140							
80/ 79			.1	.2	.4	.9	.4	1.7											423	420	71	6					
78/ 77			.1	.2	.4	.2	.3	.2											275	275	207	67					
76/ 75		.5	.4	.6	1.8	.1	.1												67	67	449	254					
74/ 73			.4	.2	.2														6	8	120	347					
72/ 71																					28	143					
70/ 69																					3	46					
68/ 67																					2	4					
66/ 65																											
64/ 63																											
TOTAL		.524	.753	.418	.7	.2	.5	.1												930	930		930				

Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6689881	78703	88.6	5.634	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	5797196	73411	78.9	1.658	930			93.0	93.0	37.8		63
Wet Bulb	5290632	70128	75.4	1.657	930			93.0	89.7	.1		93
Dew Point	5096910	68822	74.0	2.058	930			92.7	73.4			93

912186 ANDERSEN AFB 73-5 DCI
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS (15.1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
12/ 91			.9	6.7	2.2	.6												46	93						
2/ 79	.1	5.8	24.6	9.6	1.2													303	393	19	7				
74/ 77	.3	13.4	17.6	4.6	.1													326	336	170	65				
76/ 75	.5	6.5	2.4	.2														89	89	447	286				
74/ 73		1.2	.2	.3														16	16	243	361				
77/ 71																				44	147				
77/ 69																					54				
68/ 67																				3	7				
64/ 63																					3				
TOTAL	1.2	5.75	1.5	16.9	1.9													930	937	937	954				
						</																			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912180 ANDERSEN AFB
STATION STATION NAME

73-62

YEARS

MONTH

PAGE 1 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
64/ 83			.6	1.9	.1													25	25					
62/ 81		1.1	1.4	8.2	.9													101	101					
61/ 79		5.5	26.0	10.2	1.3													439	409	34				
76/ 77	21.1	1.4	3.1	.1	.1													240	240	230				
76/ 75	.2	3.7	1.9	.2														56	54	446				
74/ 73	.3	.4	.1															8	8	188				
77/ 71	.1																	1	1	29				
77/ 69																				3				
66/ 67																								
66/ 65																								
TOTAL	.422	.65	.923	.8	2.4													930	930	930				

92218C ANDERSEN AFB
STATION STATION NAME

73-82

YEARS

OCI
MONTH

PAGE : 2906-1143
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REV. 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9121E: ANDERSEN AFB
STATION STATION NAME

13-82

YEARS

063
MONTH

PAGE 1 ~~1270-1440~~
~~NOV 9 1964~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
89 / 89									.1																									1	1			
88 / 87							.2	1.1	1.1																									2	22			
86 / 85					1.1	9.2	14		3.5																								259	259				
84 / 83			.1	5.6	20.5	8.7		.3																										320	320			
82 / 81			1.5	8.3	9.8	2.4		.8																										202	202	13	3	
80 / 79			2.3	4.8	1.4		.2																											81	81	223	24	
78 / 77	.1	1.4	1.6																															29	29	445	222	
76 / 75		.4	.4																															8	8	195	362	
74 / 73																																					46	228
72 / 71																																					3	63
70 / 69																																						7
68 / 67																																						6
TOTAL	.1	5.7	21.8	47.2	226.5	5.7																													930	930	930	
																									</													

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

MEMBERSHIP

USAFETAC

PSYCHROMETRIC SUMMARY

910183 ANDERSEN AFB

73-61

200

PAGE 1 1525-172
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
81/ 87							.1											3	3						
86/ 85			.2	2.9	6.6	1.5												104	104						
84/ 83			4.7	20.0	8.7	.5												309	709						
82/ 81		.6	9.9	16.6	4.4	.3	.2											298	298						
80/ 79		3.7	9.1	2.6	.1													143	143	119	10				
78/ 77	.1	1.8	3.2	.2	.1													1	51	420	148				
76/ 75	.1	1.2	1.1															2	22	289	363				
74/ 73																				76	269				
72/ 71																				11	97				
70/ 69																					13				
68/ 67																					4				
66/ 65																					3				
TOTAL	.2	7.3	28.2	42.3	19.4	2.5	.2											930		673	770				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91181 STATION ANDERSEN AFB STATION NAME

۱۱۰۰

YEARS

MONTH

PAGE 1 ~~1-5-74~~
HOURS 1-5-74

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
74/ 83						.9	1.5		.4																									26	26			
72/ 81						1.1	1.6	2.1	5.4	3.4																								34.2	34.2			
70/ 79						5.1	5.3	5.1	2.1	1.1	.1																							40.5	40.5	40	39	
78/ 77						6.3	6.6		.8		.4																							1.1	1.1	240	101	
74/ 75						1.8	1.1																											26	26	460	310	
70/ 73																																					1.5	300
70/ 71																																					1	130
72/ 69																																					2	12
68/ 67																																						1
66/ 65																																						1
TOTAL						14.35	15.29	7	5.4		.1																								912	912	400	600

Element (X)	Z _R ¹	Z _R	X	σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6334010	76564	82.3	5.752	93	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5954321	74397	83.2	1.641	93			93.0	93.0	65.4		93
Wet Bulb	5354212	73550	75.9	1.564	93			73.7	91.8	.2		43
Dew Point	5124829	69013	74.2	1.953	93			92.9	76.1			0

PSYCHROMETRIC SUMMARY

91712	ANDERSEN AFB	13-62	55
STATION	STATION NAME	YEARS	MONTH

PAGE 1 21-23
HOURS 11.5.71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
4/ 83				.1														1	1						
5/ 81		1.3	1.4	3.8	6.7													253	257						
6/ 79		6.5	25.4	11.1	1.7													400	427	70	9				
7/ 77	.2	1.4	9.8	2.9														217	217	298	97				
8/ 75		2.7	1.1	.2														37	37	447	317				
9/ 73		.2	.1	.1														4	4	186	330				
10/ 71																				15	142				
11/ 69																				1	47				
12/ 67																					1				
13/ 65																					1				
TOTAL		21.1	151.7	23.7	9.7													529	529	929	929				

Element (X)	Σ x ¹	Σ x ²	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	65543.61	77827	83.8	5.724	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5857148	73751	79.4	1.6.9	929			21.0	93.7	46.3		93
Wet Bulb	5310313	72075	75.6	1.574	929			93.7	91.2	.3		92
Dew Point	5179242	68677	74.1	1.991	929			92.9	74.4			92

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

910185 STATION ANDERSEN AFB STATION NAME 73-82 YEARS MONTH 11

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL	TOTAL
																		D.B. W.B. Dry Bulb Wet Bulb Dew Point	
80																		1	1
79																		24	24
78																		474	474
77																		1013	1013
76																		1025	1025
75																		2300	2300
74																		1322	1322
73																		327	327
72																		7430	7430
71																		1	1
70																		5	5
69																			
68																			
67																			
66																			
65																			
64																			
TOTAL																		7430	7430

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	53173573	628268	81.2	6.75	7432	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Dry Bulb	48151666	59821	47.4	2.53	7439			744.0	743.0	463.6		744
Wet Bulb	43139177	56327	76.1	1.93	7439			744.0	727.1	21.3		744
Dew Point	41275305	553563	74.4	2.09	7439			742.5	620.1	2.1		744

STATION	STATION NAME	YEARS	MONTH
61213	ANDERSON AFB	7-2-59	1-2-59

DATE: 1-2-59

USAFETAC
FORM
AA 04
0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
D-1075
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION	ANDERSON AFB	STATION NAME	73-80	YEARS	MONTH
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DATE: 11-1-54 HOURS: 10:00

[illegible]

STATION ANDERSEN AFB STATION NAME 7-0 YEARS 10 MONTH 10

PAGE 2 SECRET
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/53				1.1														11																	
47/51			1	2.2	1.2													1.4	3.4																
47/47			1.2	2.9	1.2													4.2	3.7																
47/47			7.3	7.6	2.9													17.6	17.6	2.1	4.1														
47/47			4.1	2														4.1	4.9	4.8	7.8														
47/43			6.7	4.1														7	7	2.1	7.1														
47/43																				7.1	1.3														
47/39																					4.1														
47/37																					4.1														
TOTAL		17.3	4.9	7.2	7.9	4.1													7		4.1														

Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total
Rel. Hum.	1123444	74571	62.7	1.716	0							
Dry Bulb	8674068	71451	73.4	1.654	9			50.1	45.6			50.1
Wet Bulb	1117415	6751	75.4	1.539	0			7	47.2			7
Dew Point	4698332	66371	73.7	1.267	9			91.1	66.1			91.1

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 01-135 ANDERSON AFB STATION NAME YEARS MONTH

PAGE 1 HOURS 41.3.77

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

41716 ANDERSEN AFB 73-82 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 73-14
HOURS (U.S.T.)

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CLIMATE
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1118	ANDERSEN AFB	73-87	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
67 45				.1	1.7	3.0	2.9											76	76													
68 42				3.8	8.4	2.8	.9											242	292													
69 41			1.2	14.6	16.7	3.8	.7											327	328	1												
70 39			1.4	1.2	2.6	.8	.2											135	135	86												
71 37	.4	2.3	3.1															53	53	305	140											
72 35		1.4	.2															15	15	336	337											
73 33		.1																1	1	75	270											
74 31																					112											
75 29																																
76 27																																
77 25																																
78 23																																
79 21																																
80 19																																
81 17																																
82 15																																
83 13																																
84 11																																
85 9																																
86 7																																
87 5																																
88 3																																
89 1																																
90 0																																
TOTAL	.4	6.6	31.5	39.3	17.8	4.4												899		899	699											

Element (X)	Z _X ²	Z _X	Z	Z ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5578944	74682	78.6	6.457	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5631246	73652	81.8	7.794	900			92.3	90.0	76.9		
Wet Bulb	5281844	68594	76.6	1.572	899			5.0	69.7	1.3		
Dew Point	4097645	67015	74.8	2.006	899			6.0	76.2	1		

YEARS

912181 ANDERSEN AFB
STATION STATION NAME

72-82

42

PAGE : 130-20
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
4/ 83				1														1	1														
6/ 81			9	14	21	5	3	4	1		1							213	313														
7/ 75			4	32	46	15	8	2	8		1							428	428	13	1												
7/ 77		4	5	9	6	4		6										120	127	20	61												
7/ 75		1	1	7		4												20	20	47	33												
7/ 73			4															4	4	2	17												
7/ 71																				14	17												
7/ 69																					33												
6/ 67																					2												
6/ 65																					6												
TOTAL		6	13	24	5	8	32	7	7	4		2		1				909		909	910												

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6048577	73566	81.7	6.265	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	575976	7123	79.9	1.554	900			90.7	90.7	61.7		91
Wet Bulb	5143737	68759	75.6	1.495	900			90.7	88.4	.1		90
Dew Point	4913388	66504	73.9	2.000	900			89.8	67.7	.1		90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91.19 STATION ANDERSEN AFB STATION NAME

73-42

YEARS

MONTH

PAGE : ~~21-7-23-6~~
R000371.5.7.7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
87 / 81			1	11	4	17	6	1	.4									220	220					
79 / 79	.1	4	6	3	0	2	18	7	2	.4								502	502	16	3			
77 / 77	.1	7	8	7	9	1												152	152	102	55			
76 / 75		2	6	2														25	25	454	268			
74 / 73		.1																1	1	214	322			
72 / 71																				14	100			
71 / 69																					23			
68 / 67																					12			
66 / 65																					1			
TOTAL	.2	16	34	9	6	37	3	7	4	.4								903		970	260			

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6165572	74298	82.6	5.468	903	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	5698697	716.5	79.6	1.385	903			90.0	90.0	51.2		90
Wet Bulb	5129156	679.33	75.5	1.473	903			90.0	68.1			90
Dew Point	4013160	664.73	73.0	1.086	903			90.0	67.8			90

YEARS

NOW
MONTH

917182 STATION ANDERSEN AFB STATION NAME 74-82 YEARS NOW MONTH

PAGE : ALL
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

910180 STATION ANDERSEN AFB STATION NAME 73-62 YEARS DEC MONTH

PAGE 1 3609-02 HOURS Y. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81				.6	1.0													71		21															
81/ 79			1.0	1.7	2.8	3.2	.8											56.1		76.1															
78/ 77			9.6	21.1	13.1	5.4	.5	.1										46.2		46.2		7.5		3											
76/ 75			2.7	4.3	1.4	.2	.1											41		51		33.4		11.3											
74/ 73			.1	.1	.2													4		4		34.1		34.0											
72/ 71																		1		1		13.3		24.5											
70/ 69																						4.5		13.5											
68/ 67																						3		5.9											
65/ 65																						1		2.7											
64/ 63																																			
62/ 61																																			
61/ 59																																			
TOTAL	13.344	32.5	9.7	1.1	.1													970		974		937		937											

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	167189	75473	81.2	6.745	937	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5685911	72737	78.2	1.356	937			93.3	92.9	16.3		93
Wet Bulb	5075770	68666	73.9	1.768	937			92.9	74.8			93
Dew Point	4621528	66222	72.0	2.515	937			89.7	65.6			

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	167189	75473	81.2	6.745	937	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	5685911	72777	78.7	1.356	937			93.3	92.9	16.3		93
Wet Bulb	5075772	68686	73.9	1.768	937			92.9	74.8			93
Dew Point	4621528	66222	72.0	2.515	937			89.7	85.6			93

PSYCHROMETRIC SUMMARY

DE 1
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1300-0500
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

□

PSYCHROMETRIC SUMMARY

91.152
STATION

~~ANDERSON AFB~~

STATION NAME

~~23-62~~

YEARS

MONTH

PAGE 1

~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 91				1.2	3.3	.5																											42	48			
71/ 79				.9	1.6	3.7	5.5	4.6	.3																								371	371			
78/ 77				7.5	19.7	9.6	4.7		.9																								394	394	70	4	
76/ 75				4.2	3.8	2.1		.2																									93	93	372	100	
74/ 73				1.2	.9	.2																											70	27	348	321	
72/ 71				.1	.1	.2																											4	4	137	27	
70/ 69																																				51	124
68/ 67																																				5	72
66/ 65																																					29
64/ 63																																				4	
TOTAL				13.94	1.63	2.91	1.4	1.2																										930	930	630	93

Element (X)	Z _H ¹	Z _H	R	e _H	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6139157	75789	81.2	6.987	93	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	5686033	72743	78.2	1.626	93			93.0	92.6	18.4		63
Wet Bulb	5068041	68633	73.8	1.797	93			93.2	78.2			93
Dew Point	4489099	66837	71.9	2.472	93			80.7	63.1			4

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
C/METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9119 ANDERSEN AFB 72-82 25C

DATE 10-1-68
HOURS (L, S, T) _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
85				.1	1.2													1	1																
83			.4	5.5	6.9	1.1	.4											142	142																
81		.2	6.2	21.0	8.7	3.7	.3											367	367																
79		1.7	13.5	42.7	4.2	.6												304	305	13															
77	.1	3.4	3.3	1.9	.2													88	88	202	34														
75		.9	.6	.2														18	18	424	214														
73																				272	732														
71																				53	213														
69																				5	4														
67																					42														
65																					17														
63																					1														
TOTAL	.1	5.2	24.5	42.1	2.2	4.7	.9											929	929	929	929														

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	No. of Hours with Temperature						Total
Rel. Hum.	5575529	71657	77.1	7.22	29	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6265656	7503	82.7	1.326	93			77.0	93.1	71.7		23
Wet Bulb	6260032	69386	75.3	1.719	224			93.0	87.2	.1		23
Dew Point	494403	67739	72.9	2.414	229			91.7	58.1			4

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

91-180 STATION ANDERSEN AFB STATION NAME

1-8-87

YEARS

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		HOURS (L. S. T.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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USAFETAC FORM 0265 (OLAJ) 87-10 WEATHER STATIONS OF THE AIR FORCE

Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6274174	69724	75.7	7.60	93	10 F	132 F	167 F	173 F	180 F	193 F
Dry Bulb	62448.1	76189	81.2	1.32	93						
Wet Bulb	53439.17	70479	75.8	1.71	93						
Dew Point	46897.0	68564	73.0	2.417	93						

STATION ADDRESS: AFR 12-01 12-01 12-01

DATE: 1-2-57
HOURS: 1.50

USAFETAC NORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS NORM ARE OBSOLETE

2

LOCAL CLIMATOLOGY BRANCH
 AIR FORCE
 AIR WEATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

STATION ANDERSON AFB STATION NAME YEARS MONTH

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb Wet Bulb Dew Point
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL																			

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	122774	7345	79.6	6.7	22	0 F	32 F	67 F	73 F	80 F
Dry Bulb	122774	7345	79.6	6.7	22					
Wet Bulb	122774	7345	79.6	6.7	22					
Dew Point	122774	7345	79.6	6.7	22					

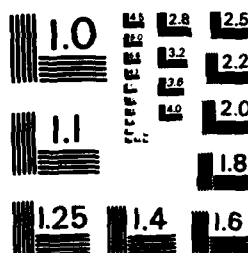
ANDERSEN AFB GIAM REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 16 JAN 84
USAFETAC/DS-84/002 SBI-AD-E850 507 F/G 4/2

NT

UNCLASSIFIED

F/G 4/2

END
 DATE
 TIME
 10-11-1961
 10-11-1961
 10-11-1961



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

DEC
MONTH

[illegible]

2

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

~~73-82~~

YEARS

~~DEC~~

PAGE 1 ~~SECRET~~

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

912180
STATION

ANDERSEN AFB

73-83

YEARS

ALL
MENTS

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

9118 ANDERSEN AFB

73-83

STATION		STATION NAME												YEARS	
HRS. (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0-02	MEAN	76.8	76.5	76.7	77.4	78.5	79.1	78.8	78.4	78.5	78.9	79.1	78.2	78.1	
	S.D.	1.697	1.510	1.187	1.486	1.546	1.660	1.488	1.836	1.742	1.654	1.448	1.356	1.814	
	TOTAL OBS	93	846	930	900	930	900	930	930	897	930	900	930	10953	
03-05	MEAN	76.4	76.1	76.2	77.0	78.0	78.6	78.3	78.0	77.8	78.5	78.8	77.8	77.6	
	S.D.	1.701	1.513	1.183	1.395	1.490	1.664	1.446	1.809	1.770	1.648	1.496	1.437	1.806	
	TOTAL OBS	93	846	930	900	930	900	930	930	897	930	900	930	10953	
06-08	MEAN	76.7	76.5	76.7	77.8	79.0	79.6	79.1	78.7	78.6	79.2	79.4	78.2	78.3	
	S.D.	1.798	1.624	1.454	1.783	1.816	1.983	1.808	2.073	2.066	1.818	1.694	1.626	2.088	
	TOTAL OBS	93	846	930	900	930	900	929	930	896	930	900	930	10951	
09-11	MEAN	79.6	79.5	79.8	81.1	82.2	82.4	81.9	81.7	81.8	82.1	82.0	80.7	81.2	
	S.D.	2.057	2.263	1.968	2.238	2.020	2.376	2.263	2.589	2.460	2.230	2.089	1.826	2.433	
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955	
12-14	MEAN	80.8	80.8	81.2	82.4	83.2	83.3	82.9	82.4	82.7	83.1	82.9	81.9	82.3	
	S.D.	2.114	2.385	2.009	2.314	2.179	2.637	2.377	2.979	2.752	2.221	2.269	1.832	2.509	
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955	
15-17	MEAN	80.0	80.0	80.3	81.3	82.1	82.5	82.2	81.7	81.8	82.0	81.8	80.9	81.4	
	S.D.	2.039	2.307	1.967	2.238	2.204	2.531	2.249	2.748	2.496	2.257	2.094	1.769	2.403	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
18-20	MEAN	77.8	77.7	78.0	78.7	79.8	80.3	80.1	79.7	79.6	80.0	79.9	79.0	79.2	
	S.D.	1.624	1.573	1.392	1.632	1.677	1.862	1.795	2.132	1.873	1.641	1.554	1.379	1.924	
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955	
21-23	MEAN	77.2	77.0	77.2	77.9	79.0	79.6	79.4	78.9	79.1	79.4	79.6	78.5	78.6	
	S.D.	1.556	1.462	1.123	1.512	1.517	1.703	1.578	1.853	1.748	1.608	1.385	1.425	1.809	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955	
ALL HOURS	MEAN	78.2	78.0	78.3	79.2	80.2	80.7	80.3	79.9	80.0	80.4	80.4	79.4	79.6	
	S.D.	2.434	2.536	2.383	2.698	2.597	2.679	2.502	2.811	2.747	2.503	2.302	2.157	2.697	
	TOTAL OBS	7480	6768	7440	7200	7438	7200	7438	7440	7188	7438	7200	7440	87633	

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

91.180 ANDERSEN AFB

73-83

STATION	STATION NAME	YEARS												
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-0	MEAN	71.9	72.1	72.4	73.3	74.5	75.0	75.1	75.1	74.8	75.4	75.3	73.9	74.1
	S. D.	2.025	1.826	1.556	1.616	1.584	1.395	1.478	1.758	1.900	1.650	1.490	1.768	2.094
	TOTAL OBS	93	846	929	900	930	900	930	930	897	930	900	930	10952
3-05	MEAN	71.6	71.8	72.1	73.0	74.2	74.6	74.9	74.9	74.5	75.2	75.0	73.6	73.8
	S. D.	2.062	1.895	1.629	1.659	1.598	1.407	1.482	1.765	2.005	1.639	1.489	1.830	2.126
	TOTAL OBS	93	846	930	900	930	900	930	930	897	930	900	930	10953
6-08	MEAN	71.7	72.0	72.3	73.4	74.7	75.2	75.3	75.2	74.9	75.4	75.4	73.8	74.1
	S. D.	2.103	1.816	1.686	1.735	1.637	1.496	1.624	1.865	2.087	1.663	1.539	1.797	2.231
	TOTAL OBS	93	846	930	900	930	900	929	929	896	930	900	930	10950
9-11	MEAN	73.2	73.5	73.8	75.0	76.2	76.6	76.7	76.6	76.5	77.1	76.8	75.2	75.6
	S. D.	2.081	1.805	1.653	1.720	1.626	1.460	1.672	1.898	1.942	1.722	1.553	1.709	2.207
	TOTAL OBS	93	846	930	900	930	900	930	929	899	930	900	929	10953
12-14	MEAN	73.8	74.1	74.5	75.5	76.5	76.9	77.0	76.9	76.8	77.5	77.2	75.8	76.0
	S. D.	2.094	1.879	1.647	1.721	1.600	1.489	1.653	1.973	1.940	1.693	1.598	1.716	2.144
	TOTAL OBS	93	846	930	900	929	900	930	930	900	930	898	930	10953
15-17	MEAN	73.3	73.6	74.0	74.9	76.0	76.5	76.6	76.5	76.2	76.8	76.6	75.2	75.5
	S. D.	2.002	1.795	1.532	1.641	1.629	1.443	1.629	1.819	1.860	1.669	1.572	1.712	2.094
	TOTAL OBS	93	846	930	900	930	900	930	930	900	930	899	930	10955
20	MEAN	72.2	72.6	72.9	73.8	74.9	75.4	75.6	75.6	75.4	75.9	75.4	74.2	74.5
	S. D.	1.954	1.668	1.505	1.542	1.578	1.401	1.535	1.756	1.873	1.564	1.498	1.711	2.065
	TOTAL OBS	93	846	930	900	930	900	929	930	900	930	900	930	10955
23	MEAN	72.1	72.4	72.7	73.6	74.8	75.2	75.3	75.3	75.2	75.6	75.5	74.0	74.3
	S. D.	1.973	1.694	1.502	1.544	1.547	1.357	1.592	1.650	1.879	1.574	1.473	1.802	2.061
	TOTAL OBS	93	846	927	900	930	900	930	930	900	929	900	930	10952
ALL HOURS	MEAN	72.5	72.8	73.1	74.1	75.2	75.7	75.8	75.8	75.5	76.1	75.9	74.5	74.6
	S. D.	2.173	1.970	1.790	1.864	1.795	1.637	1.762	1.958	2.099	1.834	1.707	1.915	2.270
	TOTAL OBS	744	6768	7436	7200	7439	7200	7438	7438	7189	7439	7197	7439	87623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

91 100

ANDERSEN AFB

73-83

STATION		STATION NAME												YEARS											
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
0-2	MEAN	69.5	70.0	70.3	71.4	72.8	73.3	73.7	73.7	73.2	74.0	73.7	72.0	72.3											
	S.D.	2.915	2.577	2.271	2.253	2.128	1.820	2.019	2.222	2.699	2.058	2.010	2.515	2.780											
	TOTAL OBS	930	846	929	900	930	900	930	930	897	930	900	930	10952											
3-05	MEAN	69.2	69.7	70.1	71.2	72.6	73.0	73.5	73.5	72.9	73.8	73.5	71.7	72.1											
	S.D.	2.891	2.704	2.361	2.306	2.168	1.838	1.939	2.260	2.789	2.075	1.985	2.544	2.812											
	TOTAL OBS	930	846	930	900	930	900	930	930	897	930	900	930	10953											
6-08	MEAN	69.3	69.8	70.1	71.4	72.9	73.4	73.8	73.7	73.3	74.1	73.7	71.9	72.3											
	S.D.	2.947	2.635	2.450	2.408	2.153	1.829	2.033	2.308	2.817	2.022	1.967	2.472	2.885											
	TOTAL OBS	930	846	930	900	930	900	929	929	896	930	900	930	10950											
9-11	MEAN	70.2	70.8	71.1	72.4	73.7	74.2	74.6	74.6	74.3	75.1	74.8	72.9	73.2											
	S.D.	3.096	2.616	2.418	2.337	2.172	1.771	2.072	2.222	2.460	2.106	1.946	2.414	2.839											
	TOTAL OBS	930	846	930	900	930	900	930	929	899	930	900	929	10953											
12-14	MEAN	70.6	71.1	71.5	72.6	73.8	74.3	74.7	74.6	74.3	75.3	74.9	73.2	73.4											
	S.D.	3.166	2.622	2.357	2.330	2.141	1.732	2.130	2.258	2.463	2.065	2.009	2.417	2.790											
	TOTAL OBS	93	846	930	900	929	900	930	930	900	930	896	930	10953											
15-17	MEAN	70.2	70.7	71.1	72.2	73.5	74.0	74.3	74.3	74.0	74.7	74.5	72.7	73.0											
	S.D.	3.004	2.559	2.196	2.224	2.139	1.753	2.164	2.105	2.458	2.017	2.006	2.425	2.740											
	TOTAL OBS	93	846	930	900	930	900	930	930	900	930	899	930	10955											
20-22	MEAN	69.6	70.2	70.5	71.6	72.9	73.4	73.7	73.9	73.5	74.2	73.9	72.1	72.4											
	S.D.	2.881	2.435	2.214	2.160	2.134	1.756	2.074	2.102	2.612	1.953	2.000	2.477	2.734											
	TOTAL OBS	93	846	930	900	930	900	929	930	900	930	900	930	10955											
23-25	MEAN	69.6	70.2	70.4	71.6	73.0	73.5	73.7	73.8	73.4	74.1	73.9	72.1	72.4											
	S.D.	2.86	2.429	2.237	2.167	2.115	1.744	2.206	1.986	2.620	1.991	1.986	2.554	2.735											
	TOTAL OBS	93	846	927	900	930	900	930	930	900	929	900	930	10952											
ALL HOURS	MEAN	69.8	70.3	70.7	71.8	73.2	73.7	74.0	74.0	73.6	74.4	74.1	72.3	72.7											
	S.D.	3.004	2.616	2.364	2.324	2.184	1.833	2.125	2.220	2.662	2.096	2.051	2.529	2.824											
	TOTAL OBS	748	6768	7434	7220	7439	7200	7438	7438	7189	7438	7197	7439	87623											

RELATIVE HUMIDITY

STATION NAME

PERIOD

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	100.0	100.0	100.0	92.7	52.4	6.7	82.4	846
	3-05	100.0	100.0	100.0	100.0	100.0	99.6	90.3	56.3	9.3	80.9	846
	6-08	100.0	100.0	100.0	100.0	100.0	99.4	88.5	51.1	7.4	79.9	846
	9-11	100.0	100.0	100.0	100.0	100.0	95.5	69.6	26.2	3.9	75.1	846
	12-14	100.0	100.0	100.0	100.0	100.0	93.5	58.6	17.5	3.1	72.7	846
	15-17	100.0	100.0	100.0	100.0	100.0	94.6	63.7	20.7	2.5	73.7	846
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	86.3	37.7	3.5	77.8	846
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	91.3	46.3	5.4	79.6	846
TOTALS		100.0	100.0	100.0	100.0	100.0	97.7	79.9	38.5	5.2	77.5	6768

2

RELATIVE HUMIDITY

ANDERSEN AFB

STATION NAME

74-83

PERIOD

MAR
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	30-3	100.0	100.0	100.0	100.0	100.0	100.0	99.5	53.7	6.9	80.8	929
	3-95	100.0	100.0	100.0	100.0	100.0	100.0	95.8	55.9	7.2	81.5	930
	6-28	100.0	100.0	100.0	100.0	100.0	99.6	91.9	49.9	5.5	80.0	930
	9-11	100.0	100.0	100.0	100.0	100.0	96.7	74.1	22.9	2.3	75.1	930
	13-14	100.0	100.0	100.0	100.0	100.0	93.8	60.2	13.2	1.7	72.6	930
	16-17	100.0	100.0	100.0	100.0	100.0	97.2	66.2	16.6	1.6	73.7	930
	19-20	100.0	100.0	100.0	100.0	100.0	99.6	89.2	34.6	2.7	77.9	930
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	92.0	46.1	3.0	79.5	927
TOTALS		100.0	100.0	100.0	100.0	100.0	98.4	83.0	36.6	3.8	77.6	7436

FORM
55-64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	99.8	96.3	61.7	6.3	81.7	900
	03- 5	100.0	100.0	100.0	100.0	100.0	100.0	97.1	64.0	7.6	82.3	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	93.0	55.3	6.6	80.9	900
	09-11	100.0	100.0	100.0	100.0	100.0	97.4	70.9	21.9	2.3	74.9	900
	12-14	100.0	100.0	100.0	100.0	100.0	95.2	56.8	14.9	1.2	72.4	900
	15-17	100.0	100.0	100.0	100.0	100.0	98.2	66.0	19.4	1.6	74.1	900
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	91.8	41.4	2.8	79.0	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.8	54.3	5.6	81.0	900
TOTALS		100.0	100.0	100.0	100.0	100.0	98.8	83.5	41.6	4.3	78.3	7200

FORMS
MA 66

0-87-S (OL A)

RELATIVE HUMIDITY

91 19
STATION

ANDERSEN AFB

STATION NAME

74-63

PERIOD:

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	3-01	100.0	100.0	100.0	100.0	100.0	100.0	97.4	64.5	9.8	82.7	932
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.5	68.4	10.6	83.3	932
	05-8	100.0	100.0	100.0	100.0	100.0	99.9	95.5	56.1	8.8	81.5	932
	8-11	100.0	100.0	100.0	100.0	100.0	98.7	77.3	21.6	2.9	75.4	932
	11-14	100.0	100.0	100.0	100.0	100.0	97.1	65.3	15.5	2.2	73.5	929
	14-17	100.0	100.0	100.0	100.0	100.0	97.6	75.6	20.4	3.2	75.2	932
	17-20	100.0	100.0	100.0	100.0	100.0	100.0	92.8	45.3	4.4	79.7	932
	20-23	100.0	100.0	100.0	100.0	100.0	100.0	96.1	59.1	6.6	81.7	932
TOTALS		100.0	100.0	100.0	100.0	100.0	99.2	87.2	43.9	6.2	79.1	7439

RELATIVE HUMIDITY

JUN
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	6-2	100.0	100.0	100.0	100.0	100.0	100.0	97.7	68.3	4.6	82.5	920
	6-25	100.0	100.0	100.0	100.0	100.0	100.0	97.7	71.7	5.1	82.9	920
	6-28	100.0	100.0	100.0	100.0	100.0	100.0	95.1	60.0	3.7	81.4	920
	7-1	100.0	100.0	100.0	100.0	100.0	99.6	79.2	26.9	2.0	76.3	920
	11-14	100.0	100.0	100.0	100.0	100.0	99.7	69.8	19.1	1.9	74.4	920
	11-17	100.0	100.0	100.0	100.0	100.0	99.4	74.7	22.9	2.7	75.6	920
	11-2	100.0	100.0	100.0	100.0	100.0	99.9	92.9	44.9	2.1	79.5	920
	11-23	100.0	100.0	100.0	100.0	100.0	100.0	96.3	60.3	3.2	81.6	920
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	87.8	46.7	3.2	79.3	7200

RELATIVE HUMIDITY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-02	100.0	100.0	100.0	100.0	99.9	99.1	98.7	85.6	6.7	84.3	930
	3-5	100.0	100.0	100.0	100.0	100.0	99.7	98.9	84.9	9.7	84.8	930
	6-08	100.0	100.0	100.0	100.0	100.0	99.2	98.5	75.9	6.7	83.6	929
	9-11	100.0	100.0	100.0	100.0	99.4	98.9	91.7	37.7	4.1	75.6	930
	12-14	100.0	100.0	100.0	100.0	99.4	98.6	82.4	23.7	2.8	76.2	930
	15-17	100.0	100.0	100.0	100.0	99.2	98.7	85.2	29.9	3.5	77.1	930
	18-20	100.0	100.0	100.0	100.0	99.7	98.7	96.7	54.8	3.1	80.6	929
	21-23	100.0	100.0	100.0	100.0	99.7	98.7	98.2	71.1	3.7	82.6	930
TOTALS		100.0	100.0	100.0	100.0	99.7	99.0	93.7	57.3	5.0	80.9	7430

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

01 180
STATION

ANDERSEN AFB
STATION NAME

74-83
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	0-02	100.0	100.0	100.0	100.0	99.7	99.7	99.7	83.2	18.7	85.4	930
	3-05	100.0	100.0	100.0	100.0	99.7	99.7	99.2	82.7	20.3	86.1	930
	6-08	100.0	100.0	100.0	100.0	99.7	99.7	98.9	76.4	13.7	84.6	929
	9-11	100.0	100.0	100.0	100.0	99.7	99.7	92.8	42.4	3.9	79.1	929
	12-14	100.0	100.0	100.0	100.0	99.7	99.0	85.2	30.5	4.1	77.4	930
	15-17	100.0	100.0	100.0	100.0	99.8	99.1	89.0	34.7	4.9	78.4	930
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.0	60.4	7.5	82.2	930
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.8	74.7	11.5	84.3	930
TOTALS		100.0	100.0	100.0	100.0	99.8	99.6	95.3	60.1	10.5	82.2	7438

RELATIVE HUMIDITY

21-180
STATION

AND RLEN AFB

STATION NAME

73-82

PERIOD

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-01	100.0	100.0	100.0	100.0	99.7	98.1	97.3	73.1	14.9	83.9	897
	2-05	100.0	100.0	100.0	100.0	99.7	98.4	97.4	76.3	18.2	84.9	897
	06-08	100.0	100.0	100.0	100.0	99.6	98.3	96.8	71.1	13.3	83.6	896
	09-11	100.0	100.0	100.0	100.0	99.7	98.6	85.2	37.3	4.6	78.2	899
	12-14	100.0	100.0	100.0	100.0	99.6	98.0	76.7	25.7	5.0	76.0	900
	15-17	100.0	100.0	100.0	100.0	99.6	97.7	81.8	31.6	4.4	77.1	900
	18-20	100.0	100.0	100.0	100.0	99.4	98.1	94.4	53.9	7.2	81.1	900
	21-23	100.0	100.0	100.0	100.0	99.2	98.1	97.2	68.1	9.0	82.6	900
TOTALS		100.0	100.0	100.0	100.0	99.6	98.2	90.9	54.6	9.6	80.9	7189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

91 180
STATION

ANDERSEN AFB

STATION NAME

73-82

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-04	100.0	100.0	100.0	100.0	100.0	100.0	99.2	78.7	10.0	84.6	930
	05-09	100.0	100.0	100.0	100.0	100.0	100.0	99.5	81.2	13.5	85.2	930
	10-14	100.0	100.0	100.0	100.0	100.0	100.0	99.2	73.9	10.5	84.1	930
	15-19	100.0	100.0	100.0	100.0	100.0	99.6	91.4	39.5	3.8	79.1	930
	20-24	100.0	100.0	100.0	100.0	100.0	99.8	86.6	27.6	1.9	77.1	930
	25-29	100.0	100.0	100.0	100.0	100.0	99.6	90.3	35.7	2.8	78.5	930
	30-34	100.0	100.0	100.0	100.0	100.0	100.0	97.3	64.8	4.9	82.3	930
	35-39	100.0	100.0	100.0	100.0	100.0	100.0	98.9	73.0	9.0	83.8	929
	40-44											
	45-49											
	50-54											
	55-59											
	60-64											
	65-69											
	70-74											
	75-79											
	80-84											
	85-89											
	90-94											
	95-99											
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.9	95.3	59.3	7.1	81.8	7439

RELATIVE HUMIDITY

9118
STATION

ANDERSEN AFB

STATION NAME

73-82

PERIOD

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
N.C.	00-02	100.0	100.0	100.0	100.0	100.0	99.8	98.4	69.7	8.8	83.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.8	72.8	8.2	83.7	900
	6-08	100.0	100.0	100.0	100.0	100.0	100.0	98.0	67.2	6.7	82.7	900
	9-11	100.0	100.0	100.0	100.0	100.0	99.8	88.9	39.7	2.8	78.6	900
	12-14	100.0	100.0	100.0	100.0	100.0	99.6	82.7	27.6	2.8	76.9	898
	5-17	100.0	100.0	100.0	100.0	100.0	100.0	87.3	38.5	3.3	78.5	899
	18-20	100.0	100.0	100.0	100.0	100.0	99.8	96.8	59.6	5.4	81.7	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.1	65.8	6.2	82.6	900
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	93.6	55.1	5.5	81.0	7197

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

DEC
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02	100.0	100.0	100.0	100.0	100.0	99.9	94.2	57.3	4.4	81.2	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	95.4	62.2	6.6	81.7	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	93.8	55.5	6.7	81.0	930
	09-11	100.0	100.0	100.0	100.0	100.0	98.4	83.1	30.9	2.7	77.1	929
	12-14	100.0	100.0	100.0	100.0	100.0	96.9	74.6	21.7	1.1	75.0	930
	15-17	100.0	100.0	100.0	100.0	100.0	98.2	80.8	28.6	1.9	76.3	930
	18-2	100.0	100.0	100.0	100.0	100.0	99.6	90.9	47.1	2.6	79.6	930
	01-23	100.0	100.0	100.0	100.0	100.0	99.8	91.6	55.3	3.9	80.5	930
TOTALS		100.0	100.0	100.0	100.0	100.0	99.0	88.0	44.7	3.7	79.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

91 18
STATION

ANDERSEN AFB

STATION NAME

73-83

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.8	95.3	73.8	31.7	2.1	75.7	7440
FEB		100.0	100.0	100.0	100.0	100.0	97.7	79.9	38.5	5.2	77.5	6768
MAR		100.0	100.0	100.0	100.0	100.0	98.4	83.0	36.6	3.8	77.6	7436
APR		100.0	100.0	100.0	100.0	100.0	98.8	83.5	41.6	4.3	78.3	7200
MAY		100.0	100.0	100.0	100.0	100.0	99.2	87.2	43.9	6.2	79.1	7439
JUN		100.0	100.0	100.0	100.0	100.0	99.8	87.8	46.7	3.2	79.3	7200
JUL		100.0	100.0	100.0	100.0	99.7	99.0	93.7	57.3	5.0	80.9	7438
AUG		100.0	100.0	100.0	100.0	99.8	99.6	95.3	60.1	10.5	82.2	7438
SEP		100.0	100.0	100.0	100.0	99.6	98.2	90.9	54.6	9.6	80.9	7189
OCT		100.0	100.0	100.0	100.0	100.0	99.9	95.3	59.3	7.1	81.8	7439
NOV		100.0	100.0	100.0	100.0	100.0	99.9	93.6	55.1	5.5	81.0	7197
DEC		100.0	100.0	100.0	100.0	100.0	99.0	88.0	49.7	3.7	79.1	7439
TOTALS		100.0	100.0	100.0	100.0	99.9	98.7	87.7	47.5	5.5	79.5	87623

USAFETAC

FORM 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

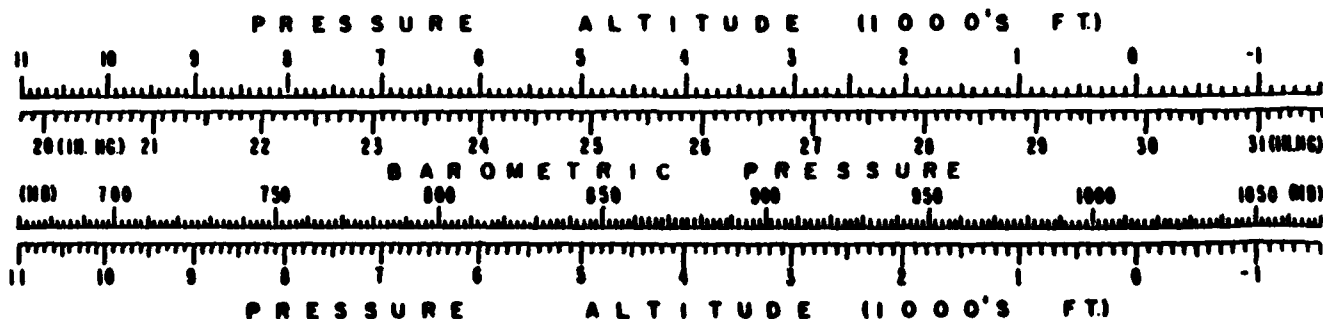
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

91 18 ANDERSEN AFB

73-63

STATION	STATION NAME	YEARS												
HRS (LST)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0	MEAN	29.217	29.237	29.242	29.227	29.205	29.203	29.170	29.157	29.152	29.151	29.159	29.201	29.193
	S D	.068	.067	.069	.054	.083	.046	.062	.070	.074	.065	.072	.059	.074
	TOTAL OBS	31	282	310	300	310	300	310	310	299	310	300	310	3651
	MEAN	29.183	29.214	29.215	29.200	29.181	29.180	29.144	29.130	29.126	29.124	29.130	29.168	29.165
	S D	.069	.068	.070	.055	.080	.046	.064	.071	.075	.070	.071	.060	.074
	TOTAL OBS	31	282	310	300	310	300	310	310	299	310	300	310	3651
	MEAN	29.216	29.230	29.249	29.232	29.212	29.207	29.168	29.152	29.152	29.157	29.164	29.202	29.196
	S D	.070	.069	.070	.056	.077	.046	.063	.070	.075	.072	.071	.059	.075
	TOTAL OBS	31	282	310	300	310	300	309	310	299	310	300	310	3650
	MEAN	29.253	29.275	29.280	29.257	29.229	29.224	29.186	29.177	29.174	29.184	29.194	29.235	29.222
	S D	.070	.071	.069	.056	.080	.045	.062	.069	.074	.069	.071	.060	.074
	TOTAL OBS	31	282	310	300	310	300	310	310	300	310	300	310	3652
1	MEAN	29.198	29.220	29.229	29.213	29.190	29.192	29.156	29.143	29.135	29.130	29.138	29.176	29.176
	S D	.069	.069	.069	.055	.095	.044	.061	.068	.075	.064	.070	.062	.076
	TOTAL OBS	31	282	310	300	310	300	310	310	300	310	299	310	3651
1	MEAN	29.166	29.184	29.191	29.176	29.154	29.161	29.126	29.116	29.108	29.104	29.117	29.150	29.146
	S D	.068	.069	.069	.055	.124	.044	.060	.067	.076	.061	.071	.062	.077
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
10	MEAN	29.201	29.217	29.221	29.207	29.185	29.184	29.152	29.147	29.142	29.143	29.153	29.187	29.174
	S D	.068	.068	.068	.053	.108	.043	.060	.067	.074	.062	.072	.060	.074
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
2	MEAN	29.233	29.253	29.260	29.240	29.226	29.225	29.189	29.184	29.180	29.176	29.182	29.218	29.214
	S D	.069	.068	.067	.053	.091	.044	.060	.069	.075	.069	.081	.059	.074
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.208	29.228	29.236	29.220	29.198	29.197	29.161	29.151	29.147	29.144	29.155	29.192	29.186
	S D	.074	.074	.074	.060	.096	.044	.065	.072	.074	.071	.076	.065	.079
	TOTAL OBS	288	2254	2480	2400	2480	2400	2479	2480	2307	2480	2307	2480	28209

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

91 16 ANDERSEN AFB

73-83

STATION		STATION NAME												YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
C	MEAN	111.2	111.9	112.0	111.4	110.6	110.5	109.4	109.0	1008.8	1008.8	1009.1	1010.5	1010.3											
	S.D.	2.288	2.256	2.318	1.733	2.809	1.482	2.117	2.345	2.544	2.327	2.405	2.029	2.522											
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651											
	MEAN	110.0	110.8	111.1	110.5	109.8	109.7	108.5	108.1	1007.9	1007.9	1008.1	1009.4	1009.3											
	S.D.	2.311	2.270	2.320	1.789	2.680	1.515	2.170	2.370	2.576	2.423	2.418	2.042	2.522											
	TOTAL OBS	310	282	310	300	310	300	310	310	299	309	300	310	3650											
	MEAN	111.2	111.9	112.3	111.7	110.9	110.7	109.4	108.8	1008.9	1009.0	1009.4	1010.7	1010.4											
	S.D.	2.342	2.325	2.315	1.823	2.647	1.513	2.161	2.338	2.597	2.509	2.431	2.020	2.566											
	TOTAL OBS	310	282	310	300	310	300	329	310	299	310	300	310	3650											
C	MEAN	112.4	113.2	113.3	112.5	111.4	111.2	110.0	109.7	109.8	1009.9	1010.3	1011.7	1011.3											
	S.D.	2.361	2.335	2.295	1.871	2.697	1.497	2.103	2.284	2.562	2.441	2.402	2.076	2.603											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
1	MEAN	110.5	111.3	111.5	110.9	110.1	110.2	108.9	108.5	1008.2	1008.0	1008.3	1009.7	1009.7											
	S.D.	2.316	2.319	2.377	1.781	3.226	1.464	2.066	2.235	2.554	2.218	2.389	2.084	2.569											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
1	MEAN	109.4	110.0	110.2	109.7	108.9	109.1	107.9	107.6	1007.3	1007.2	1007.6	1008.8	1008.6											
	S.D.	2.279	2.291	2.248	1.769	4.257	1.421	2.057	2.238	2.604	2.151	2.353	2.065	2.619											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
1	MEAN	110.7	111.2	111.3	110.8	110.0	110.0	108.9	108.7	1008.5	1008.6	1008.9	1010.1	1009.4											
	S.D.	2.318	2.296	2.254	1.723	3.684	1.436	2.050	2.237	2.632	2.171	2.436	2.077	2.549											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	299	309	3649											
2	MEAN	111.7	112.5	112.6	112.2	111.4	111.3	110.1	109.9	1009.4	1009.6	1009.8	1011.2	1011.3											
	S.D.	2.295	2.277	2.234	1.772	3.085	1.445	2.065	2.305	2.572	2.305	2.779	2.018	2.524											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
ALL HOURS	MEAN	110.9	111.6	111.8	111.2	110.4	110.3	109.1	108.8	1008.7	1008.6	1008.9	1010.3	1010.3											
	S.D.	2.478	2.475	2.456	1.962	3.280	1.628	2.204	2.402	2.700	2.473	2.594	2.235	2.687											
	TOTAL OBS	2480	2256	2483	2400	2479	2400	2479	2480	2397	2479	2398	2479	29207											

END

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